

Reception Software WX-30

User Manual



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Table of Contents

SECTION 1 INTRODUCTION 1.1 1.1 1.2 System Requirement 2 1.3 Manual Convention 3 SECTION 2

<u>GET</u>	GETTING STARTED WITH 4				
2.1	Installing TeleEye Reception Software WX	4-30 ····· 4			
2.2	Multi - Language Setting	10			
2.3	Registering TeleEye RX Video Transmitter	11			

SECTION 3

CONNECT / DISCONNECT TeleEye RX TRANSMITTER		•••••	14
3.1	Connect TeleEye RX		14
3.2	Auto Redial	•••••	20
3.3	Disconnect TeleEye RX	•••••	21
3.4	Auto Disconnect		22
3.5	Connection Log ·····	•••••	24

TRA	TRANSMITTER GENERAL SETUP 27			
4.1	1 Transmitter Information			
4.2	Char	nge Password(Basic security	mode), Upgrade Version,	30
Regis	stratic	on Checking & User account	t management (Advanced	
secur	rity m	ode)		
4.3	Vide	o Settings		39
4.4	Con	nection		41
4	.4.1	Network Settings		42
4	.4.2	Modem Settings		45
4	.4.3	3G USB Modem Sëtting		47
4	.4.4	IP Filtering Setting		48
4.5	RXS	E		50
4.6	Date	e / Time ·····		53
4.7	HDD) Management		56
4.8	4.8 Restore Factory Setting 58			58
4.9 Restart Transmitter				
4.10 Time Sync Test 60				

4.	11 <i>sure</i> LINK Setup	62
4.	12 Backup Setting Import / Export	64
4.	13 External Keyboard	66
SECTI	ON 5	
<u>R</u>	EMOTE LIVE MONITORING	67
5.	1 Screen Mode & Camera	67
5.	2 Full Screen & Keep Aspect Ratio	— 74
5.	3 Text Display & Text Colour ———————————————	— 76
5.	4 Live Quality Setting —	— 77
SECTI	ON 6	
<u>R</u>		80
6.	1 Recording Setup	80
6.	2 Manual Recording	— 83
6.	3 Footage Extraction ————	85
6.	4 Audio Recording	- 88
6.	5 PC recording Setup	89

SECTION 7

<u>PLA</u>	PLAYBACK —————	
7.1	Start Playback ————	90
7.2	Playback Control —————	95
7.3	Multiple search	96

EVENT HANDLING 98				
8.1 Event 98				
8.1.1	Arm / Disarm	100		
8.1.2	Security Switch ————	105		
8.1.3	Alarm	108		
8.1.4	Motion —	119		
8.1.5	Video Loss	124		
8.1.6	System Tamper ————	127		
8.1.7	Power Failure ————	129		
8.2 Acti	on	131		
8.2.1	Live Camera-	133		
8.2.2	Recording	135		
8.2.3	Switch ———	139		

8.2.4	Dial Back	- 143
8.2.5	Pan Tilt Zoom (PTZ) ————————	- 147
8.2.6	Event LED	- 149
8.2.7	Buzzer	- 150
8.2.8	Spot Alarm	- 152
8.2.9	Email setup	- 153
8.2.10	SMS	155
8.2.11	Dialback Test	156
8.3 Ever	nt Indication	- 158
8.3.1	Event Panel	- 159
8.3.2	Event Status	- 162
8.3.3	Event Log	- 164
8.3.4	Siren	- 168
8.3.5	Clear Event	- 169
SECTION 9		
PAN TILT	<u>ZOOM</u>	- 171
9.1 PTZ	Settings	- 171
9.2 PTZ	Control	- 176
9.3 PTZ	Advance Settings	- 181
SECTION 10		
SWITCHE	<u>IS</u>	- 185
10.1 Swi	itches Settings	- 185
10.2 Swi	itches Control	- 188

SECTION 11

LOG	LOG & PICTURE BACKUP		
11.1	Open & Save Picture	190	
11.2	Preview	194	
11.3	Printer Setup & Printing	197	

SECTION 12

CONNECTION SCHEDULER 1			198
12.1	New Schedule	;	202
12.2	Delete Schedule and Change Properties-		205

AUDIO CONTROL			207
	13.1	Pre-recorded voice file setting	— 207
	13.2	Audio control	— 210

TRO	JBLE SHOOTING	<u> </u>
SECTION	15	
APPE	ENDIX	<u> </u>
15.1	sureLINK Technology	<u> </u>
15.2	TeleEye RX with Tamper Circuit and External Resistor	
		<u> </u>
15.3	Security Mode	<u> </u>



<u>1.1</u> Introduction

Thanks for using *Tele*Eye Reception Software WX-30. This software is a Windows 2000/XP application software. It is designed to implement for remote monitoring and controlling *Tele*Eye RX video transmitter. The compressed data are decoded and displayed through the PC monitor. User can select the desirable video source, resolution and quality from the graphical user interface.

<u>1.2</u> System Requirement

- Computer : Personal Computer
- Processor : Intel Pentium IV 2G or above
- Memory : 256MB RAM or above
- Hard Disk : Minimum 41MB hard disk space required
- Drive : CD-ROM
- Display : 800x600, high-colour
- Sound : Sound card is required
- Ethernet Card : 10/100Mbps or above
- Port : Serial Port
- Operating System : Microsoft Windows 2000 / XP

Windows XP/2000 users must have "Computer Administrator" permissions and Windows Service Pack 2 or later.

1.3 Manual Convention

{	}	: Represent Windows panel name
[]	: Represent Windows icon or button name
đ		: Special note for user
		: Refers to other section
Ţ		: Next step
**		: Special Remark
Fig	1.1.1a	: All figure number is located on the bottom under the figure.
_		
		: Key to press or special emphasis place on a figure.



Getting Started With

2.1 Installing *Tele*Eye Reception Software WX-30

TeleEye Reception Software WX-30 software CD installation procedure is easy to do.

Installation Procedure :

CD.

Setup 🔀	Step 1 :	Insert the software CD into the
TOLENO		CD-ROM. The CD can auto
I BIBIEJYB		run. {Setup} panel pop up.
U		Choose [TeleEye Reception
Adobe Acrobat Reader O TeleEye Reception Software - WX-30		Software – WX-30] option and
Select an item and click OK to start.		
OK Exit		then click [OK] button.
Fig 2 1a		

If the software CD cannot auto run, please choose the corresponding CD-ROM to run the

TeleEye WX-30 Setup	
	Welcome to the InstallShield Wizard for TeleEye WX-30 1.00 The InstallShield Wizard will install TeleEye III+ software model W6-30 1.00 on your computer. To continue, click Next
	Cancel
	Fig 2.1b
	\square

Step 2 : Click [Next] button on the {TeleEye WX-30 Setup} panel

Installing TeleEye Reception Software WX-30

PAGE 5



In {Installing Microsoft(R) DirectX(R)} pop up window, select [I accept the agreement] and click [Next] to install DirectX 9.0c(April 2007 version). Follow the instruction to complete DirectX installation.

**DirectX installation must be completed before Step 4.

Step 4 : Click **[Yes]** to accept the software license agreement, otherwise the software cannot be installed.

Step 5: Fill in **[User Name]** and **[Company Name]**. Click **[Next]** button to continue the installation

PAGE 6



Fig 2.1f

teleEye WX-30	Setup	
Setup Type Select the Set	tup Type to instal	
Click the type	of Setup you prefer, then click Next.	
(* Typical	Program will be installed with the most common options. Recommended for most users.	
C Compact	Program will be installed with minimum required options.	
C Cystom	You may choose the options you want to install. Recommended for advance users.	d
datShield i		
	< <u>B</u> ack <u>N</u> ext> Cancel	

Fig 2.1g

Step 6 : Choose the destination folder to store the software. Default path is C:\Program File\TeleEye\ WX-30. User may click [Browse] button select to another path to store the software. After choosing the destination folder path, click [Next] to the next step.

Step 7 : Choose the type of setup. Choosing [Typical], [Compact], [Custom] option for installation. [Custom] option allows user to install which part of the software manually. Other options will install the software into PC automatically. [Typical] option is highly recommended. Click [Next] to continue.

PAGE 7

elect Program Fo	ider		10	-
Please select a pro	gram folder.			ALC: NO
Setup will add prog	ram icons to the Proc	mann Folder listed belo	w. You may type a	new folder
name, or select one	from the existing fol	ders list. Click Next to	continue.	
Program Folders:				
Existing Folders:				
MemProof				~
Nero NPort Managemen	t Suite			
Print Server Utility PrintServer Driver				-
QuickTime Rea//NC				-
SoldWorks 2003 F	Personal Edition			~
in the second				
				1 68 - 360 F
		< Back	<u>N</u> ext >	Cancel
		Fig 2.1h		
		Ų		
Eye WX-30 Sett	19			
tart Copying File	li Line and the floor		1	100
Heview settings be	tore copying tiles.			ALC: NO
Setup has enough i change any setting copying files.	nformation to start cr s, click Back. If you	opying the program file are satisfied with the	es. If you want to re settings, click Next	niew or to begin
Current Settings:				_
SetupType	TYPICAL: We will	install all the required	components	\$
LargetDir				
rageon	C:\Program Files\T	eleEye WX-30		
User Information				
	Company: sicom			
0				× *
are last				
		1.0.1	_	
		< Back	Next >	Cancel
		Fig 2.1i		
Eye WX-30 Set	iy			6
etup Status			1	Sugar 1
				ALC: NO
TalaEura)+A/ 20 C-	tun is nationalize the	unputed encodiers		Sec.
Telecye www.ou Se	wp is performing the	requested operations		
Installing	012 TO46207	192203 100000	517	
C:\Program Files\T	eleEye WX-30\Tele8	Eye RX User Guide.pr	1	
		18%		
samed				
				Cancel

Step 8: Fill in [Program Folders] for the folder name displayed on the [Start Up] menu of Windows. Default name is *Tele*Eye.

- Step 9 : {TeleEye WX-30 Setup} panel shows setup type, destination folder and user information for user to check whether their input options correct or not. If there is no correction, click [Next]] button to install the software.
- Step 10 : Installation is in progress until 100%

Fig 2.1j



Step 11 : Installation is successful. It is highly recommended user to restart the PC before using the software. Click [Finish] to complete the installation process.



Step 12: For Windows Vista, go to (Vista) [Start] ->[All program]

->[TeleEye]

Right click [TeleEye WX-30]

and click [Properties].

PAGE 9

😚 TeleEye WX-30 Pr	roperties		×			
Security	Details	Previous Versions				
General	Shortcut	Compatibility				
If you have problem an earlier version of matches that earlier	If you have problems with this program and it worked correctly on an earlier version of Windows, select the compatibility mode that matches that earlier version.					
- Compatibility mod	e		h I			
📝 Run this prog	gram in compatibility mo	ode for:				
Windows XP (9	Fervice Pack 2)	•				
Cattings						
settings						
Run in 256 c	colors					
📃 Run in 640 x	: 480 screen resolution					
📃 Disable visua	al themes					
📃 Disable desk	top composition					
📃 Disable displ	ay scaling on high DPI	settings				
Privilege Level			5			
🔽 Run this prog	gram as an administrato	n				
Show settin	igs for all users					
	ОК	Cancel Appl	y)			

Fig 2.1m

Step 13:	In	[Compatibility]	Option,
----------	----	-----------------	---------

(Vista) select [Run this program as an

administrator] and click [OK]

button.

2.2 Multi – Language Setting

TeleEye RX transmitter supports Multi-language. The default setting of language is English.

Language Setting Procedure :

Step 1 : Click [Help] → [Language] option on the {Main Panel}

y Vi	iew	Connections	Recording	Camera	Event	Transmitter	Aux Patr	ol Remote	Audio	Help	
Тe	leE	ye								Language	
-	Telef									About	
- 7											
÷	E	*									
1	мо	TION									
-1											
1											
1	1.1.24										
X		*									
	1000										
ame	ra										
	2	4									
	8	7 8									
	0 1	1 12									
2	4 1	10 8.8									
-	ul.										
	-										
1	m	ND									
3	E	1									
	COR.	0									
3	3										
-		-			140					a second second	





Step 2 : {Select Language} panel pop up. Choose language in the combo box button [Language]

2.3 Registering TeleEye RX Video Transmitter

Registering TeleEye RX Video Transmitter

*Tele***Eye RX** transmitter supports registration checking function in order to prevent illegal access from other PC. By default, registration checking function is disabled, but it is **highly recommended** to do the transmitter registration after the installation of *Tele***Eye Reception Software WX-30**.

Transmitter Registration Procedure :

Step 1 : Click [Transmitter] \rightarrow [Registration] option on the {Main Panel}

🗱 Tel	e£ye	Reception	Softwa	e (Mod	lel No : W)	(-30)				
File Vi	iew C	onnections	Camera	Event	Transmitter	Aux	Patrol	Remote	Audio	Help
Te	<i>le</i> E	ye			Registrat	ion				Supervision statistic protection of the
www.	TaleEye	803					-			
=	TER	-								
		014								
	AL.A	RM								
滋	1	*								
Came	ra I -	1.1	1							
5	5 7	4								
9	10 11	32								
13	14 25	36								
A	l ,									
11	m.	1.12								
D	D.									
	1	0								
15	C	Neg-					_			
J. 4			-	Location	: RX304	24				

Fig 2.3a

Fill in [Serial No.] and

example shown on Fig 2.2c.

Click [OK] button to register

the TeleEye RX transmitter.

Code]

as

[Registration

Registration		Step 2
Transmission Unit Reg Serial No.: Registration <u>C</u> ode:		
Registered Transmission	n Unit	
Delete	OK Cancel	
Registration		Step 3
Transmission Unit Reg	istration VTC12345	
Registration Code:	1234567890	
Registered Transmission	n Unit	
	>	
Delete	OK Cancel	
	Fig 2.3c	

Step 2 : {Registration} panel pop up

Registration			Step 4 :	[Registration	Completed!]
Transmission Unit Reg Serial No.: Registration <u>C</u> ode:	istration VTC12345 1234567890			message pop u to complete and	p. Click [OK] exit the panel.
Registered Transmissio Registra	n Unit tion 🔀 Registration Completed! OK	Cancel			

Fig 2.2d

During the registration process, user needs to fill in the transmitter's serial number and registration code which are included in the transmitter package.

Section 3 Connect / Disconnect *Tele*Eye RX Transmitter

3.1 Connect TeleEye RX

After registering *Tele*Eye RX transmitter in *Tele*Eye Reception Software WX-30, user needs to setup the network configuration of the transmitter for the first time connecting to the PC.

For *Tele***Eye RX** transmitter network configuration setup, please refer to *Tele***Eye RX** User Guide section 3 : Basic Installation for Local and Remote Monitoring.

Location

This is a naming input which record *Tele***Eye RX** transmitter location, so no special effect take place for this input.

Connection Using

*Tele***Eye RX** transmitter supports multiple connection stream. The usage of different connection stream option is

TCP/IP LAN	: Local area network
TCP/IP Broadband	: Internet broadband network
TCP/IP Narrowband	: PSTN / ISDN, GPRS, or other mobile networks
Modem Driver	: Modem connection with known modem driver
Direct to Com X	: Leased line for null modem connection
General Modem	: Modem connection with unknown modem driver
Phone / IP	

Connect TeleEye RX

For TCP/IP LAN, TCP/IP broadband and TCP/IP narrowband connection stream, **IP** of the transmitter is necessary to input in this blank. For modem connection, **phone number** of the transmitter is needed to input here.

Properties

Allow user to change the connection bit rate and TCP/IP port number.

Password

There are two security mode – **Basic security mode** and **advanced security mode**. (Advanced security mode is for RX 360 series ONLY)

The transmitter supports 2 types of account, administrator account and user account, for **basic security mode**. User needs to input the correct **administrator password** or **user password** in order to connect to the transmitter with different privilege.

Default administrator password is 000000, default user password is 123456

For details of changing the password, please refer to P. 26 of Section 4.2 : Change Password & Registration Checking.

The transmitter supports 20 definable users for **advanced security mode**, including 18 normal user accounts and 2 special defined user accounts.('ADMINISTRATOR' and 'DEFAULT LOCAL USER')

Default local administrator password is 111111, default remote administrator password is 000000.

For details of security mode, please refer to Section 15.3 on P. 209: Security mode.

Dialing Prefix

For modem connection only. This is phone number prefix of the transmitter.

Phone Book

Phone book is used for recording the IP or phone number of *Tele***Eye RX** transmitter at different surveillance area. It stores the data items as above : location, IP / Phone No., password, etc.

New	: Add a new TeleEye RX transmitter phone book items
Delete	: Delete the selected <i>Tele</i> Eye RX transmitter phone book items
Properties	: Change the selected <i>Tele</i> Eye RX transmitter phone book item

Reference Code

This is a quick reference code for different phone book items.

Add Phone Book Procedure :

Details	1		1212222 21		12	
Ref. Code:		M	Serial Number:			
Location	-				*	
Phone / IP:					*	
Connect Using:	-		100000000000000		~	Properties
Password:	1	E	Dialing Prefix			
Her. Lode Local	ion	Phone / IP	Connect Using	Password	Hemark.	Senal No.
				1		

Fig 3.1a

PAGE 17

ione Book		
Site Information	100	-
Phone / IP: Serial Number:		
Connect Using		*
Password Bemarks:		
		OK Cancel

Click [New] button on Fig 3.1a to pop up {Phone Book} panel to add a new item.

Step 2 :

Fig 3.1b
\Box

Ref. Code:	100
Location:	Surveillance Area 1
Phone / IP:	210.17.139.148
Serial Number:	VTC12345
Connect Using	TCP/IP LAN
Password	
Bemarks:	Example

Step 3 : Fill in the information for location, IP, password, etc. Click [OK] button to complete adding new item.



PAGE 18

	100	M	Serial Number	VICIZ	945	
Location:	Surveilland	e Area 1	×			
Phone / IP.	210 17.135	148			M	
Connect Using	TCP/IP LA	N			~	Properties
Pacegord	-		Dialog Prefix			

Fig 3.1d

Step 4 :

A new item has been added in

the phone book.

Connection Procedure :



Step 1 : Choose the suitable phone book item of *Tele*Eye RX transmitter as Fig 3.1e. Click [Connect] button to connect to the transmitter.



Fig 3.1f

Step 2 : After clicking the **[Connect]** button a few second later, it changes to the main panel.

3.2 Auto Redial

If *Tele*Eye Reception Software WX-30 loses connection to the *Tele*Eye RX transmitter **abnormally**, auto redial allows the software to reconnect to the transmitter automatically and infinitely until successful connection established between the PC and the transmitter.

Auto redial will **NOT** function if user disconnects the transmitter manually or auto disconnect function activated.

Auto Redial Setup Procedure :

Step 1 : Click [Connection] \rightarrow [Auto Redial] option on the main panel in order to enable auto redial function.



Fig 3.2a

3.3 Disconnect Video Transmitter

If user needs to disconnect the transmitter, it is easy to do.

Disconnect Transmitter Procedure :



Fig 3.3b

Step 1 :	On	the	main	pan	el,	click
	[Dis	conne	ct]		icon	to
	disco	onnect	the tran	smitt	er.	

Step 2 :{Disconnect} panel pop up. Click[Yes]button to close the
connection.

Step 3 : If there is any event triggered before without clear, {Clear Alarm} panel pop up. User needs to input the alarm password in order to clear the event first, and then disconnect it. After inputting the password, click [OK] to disconnect it.

Clear Alarm	
Password:	
(OK Cancel

Fig 3.3c

3.4 Auto Disconnect

Auto disconnect allows user to schedule for disconnecting the transmitter.

None

Disable auto disconnect function

All Call

For all types of connection, disconnect the transmitter after the specific time automatically. The minimum auto disconnect time is 1 minute.

IDD Call

Only the IDD call with the input phone number prefix can auto disconnect the transmitter after the specific time.

Auto Disconnect Setup Procedure :

to Disconnect			
Auto Disconnect Call O None O All Calls O IDD Calls O IDD Calls	Minute Minute D	stance Access:	dd
		(Cancel
	Fig 3.4a		
⊙ IDD Calls	Hour:	Minute:	
	Fig 3.4b		
	Л		

- ep 1 : Click [Connection] → [Auto Disconnect] option on the main panel. {Auto Disconnect} panel pop up. Select the auto disconnect type [None], [All Calls], [IDD Calls]
- ep 2 : Suppose **[IDD Calls]** is selected. Press **[Up / Down]** icon to select **[Hour]** and **[Minute]** to choose auto disconnect time.

PAGE 23

Add Prefix 🛛 🕅	Step 3 :	Click [Add] button on {Auto
Prefix: 001852		Disconnect } panel. {Add Prefix } panel pop up and input the prefix. Press [OK] to save
OK Cancel Fig 3.4c		and exit the setting.
Auto Disconnect	Step 4 :	Press [OK] to save the setting
All Calls O IDD Calls		and exit the panel.
DK. Cancel		

Fig 3.4d

3.5 Connection Log

Connection log shows *Tele*Eye Reception Software WX-30 connection record.

Procedure :

Step 1 : Click [Connection] → [Connection Log] option on the {Main Panel}



Fig 3.5a

Л

		Luanace	Englime	Ref. Code	Location	Phone	Status
l1 Nov 2005 11	1:21:18	01 Nov 2005	11:36:28		RX304	210.17.139.148	Connected
1 Nov 2005 09	9:06:38	01 Nov 2005	11:21:13		RX304	192.168.0.111	Connected
1 Nov 2005 08	8:58:54	01 Nov 2005	09:05:58		RX304	210.17.139.148	Connected
31 Oct 2005 18	8:47:28	31 Oct 2005	18:58:01		RX304	210.17.139.148	Connected
31 Oct 2005 18	8:47:19	31 Oct 2005	18:47:20	001	Surveilance Area 1	210.17.139.148	Incorrect Password!
1 Oct 2005 18	8:02:05	31 Oct 2005	18:46:08		RX304	210.17.139.148	Connected
81 Oct 2005 18	8:01:53	31 Oct 2005	18:01:54	001	Surveilance Area 1	210.17.139.148	Incorrect Password!
31 Oct 2005 18	8:01:47	31 Oct 2005	18:01:48	001	Surveilance Area 1	210.17.139.148	Incorrect Password!
31 Oct 2005 14	4:03:49	31 Oct 2005	17:57:50		RX304	210.17.139.148	Line dropped!
1 Oct 2005 09	9:12:01	31 Oct 2005	13:38:27		RX304	210.17.139.148	Connected
9 Oct 2005 11	1:54:18	29 Oct 2005	13:26:05		RX304	210.17.139.148	Connected
							>

Step 2 : {Connection Log} panel pop up.





- Step 3 : User can select the start date of connection log display.
- Step 4 : User may clear the event status by pressing [Clear] button. Press [Close] to close the event status.

Connection Log Column Description :

Start Date

It is the date for starting connection between the PC and the transmitter.

Start Time

It is the time for starting connection between the PC and the transmitter.

End Date

It is the date for disconnecting between the PC and the transmitter.

End Time

It is the time for disconnecting between the PC and the transmitter.

Reference Code

It is the reference code for the transmitter in the phone book.

Location

It is the location of the site in the phone book

Phone

It is the IP or phone number of the transmitter.

Status

It is the connection status between the transmitter and the PC.

- Connected : The transmitter and the PC have been connected
- Line dropped : Disconnection between the PC and transmitter by other network situation, **NOT** user manually disconnected.
- Incorrect password : User input incorrect password to connect to the transmitter lead to connection fail.

Connection Log



Transmitter General Setup

Transmitter General Setup Procedure :



Fig 4a

J

PAGE 28



Step 2 : {Administrator Password} panel pop up. Input the password and click [OK] button to enter {Transmitter Setup} panel.

Ĵ	The default administrator password	is	000000

Step 3 : {Transmitter Setup} panel pop up, so user can do the transmitter setting in this panel.

Transmitter's Name: TeleEye **** Video Input	Transmitter Info	ormation		
Connection Date/Time Date/Time The DManagement OUP User setting OUP Recording Switches Event	Transmitter Information Name. Serial Number: Model Version: I♥ Registration Ch I♥ Enable Built in V	TeleEye VTC19392 F0X364 03.05.08 ecking web Server	Upgrade Firmware	urd [
	Restart	Transmitter	Restore To Factory Setting (Except	IP)

User can click [Reload] button to reload the most update transmitter setting, if

- The information on {Transmitter Setup} panel cannot fully display
- Someone has changed the setting through the transmitter OSD menu or other PC such that the information on {**Transmitter Setup**} panel is not updated.

User can click [Apply] button to save the current transmitter setting into *Tele*Eye RX transmitter. Press [Close] button to exit the panel.

4.1 Transmitter Information

Transmitter information shows the basic information of the *Tele*Eye RX video transmitter.

Name

This shows the name of *Tele*Eye RX video transmitter. User can change its name here.

Serial Number

This shows the serial number of *Tele*Eye RX video transmitter.

Model

This shows the model of *Tele*Eye RX video transmitter.

Version

This shows the firmware version of *Tele*Eye RX video transmitter.

Video Input Connection Date/Time HDD Management Recording Switches Event	Industrier information		
	Name:	TeleEye	1
	Serial Number: VTC19392 Modet F0/364		
	⊻ersion:	03.05.08	Upgrade Firmware
	I⊽ Registration Ch I⊽ Enable Built in \	ecking Web Server	External Keyboard
	Restart	Transmitter	Restore To Factory Setting (Except IP)

Fig 4.1a

4.2 Change Password(Basic security mode), Upgrade

Version, Registration Checking & User account

Change Password, Registration Checking & User Account Management

management(Advanced security mode)

*Tele***Eye RX** transmitter provide high level of access security protection. It has administrator and user account privilege to protect normal user to change the transmitter setup illegally. Registration checking prevents the transmitter from illegal access by *Tele***Eye Reception Software WX-30** of other PC.

Administrator Password

It is the administrator account password. Some operations need to enter the administrator password, such as transmitter setup, entering event log and recording. Default administrator password is **000000**.

User Password

It is the user account password, so normal user can connect to the transmitter using this password. Default user password is **123456**.

- If user forget the administrator or user password (not default one), please contact us by sending an email to : <u>support@TeleEye.com</u>.
- Administrator and user password are saved on each *Tele*Eye RX transmitter, not the PC.

Registration Checking

If user has registered the transmitter, registration checking can be enabled. Registration checking function is disabled at default.

For transmitter registration procedure, please refer to P.8 of Section 2.2 Registering *Tele***Eye RX** Video Transmitter.
		anana Y	(
Jser Password:	***************************************		Change Password
	Fig 4	.2a	
	_		
	Ų	7	
	Ų	~	
dministrato	or Password	-	
dministrato	or Password	~	
dministrato	or Password		×
dministrato	or Password		×
Administrato Old Passw <u>N</u> ew Pass	or Password vord: sword:	××××××	
<u>O</u> ld Passv <u>N</u> ew Pass Confirm N	or Password vord: sword: ew Password:	×******	
<u>O</u> ld Passv <u>N</u> ew Pass <u>C</u> onfirm N	vord: word: word: word:	××××××	

Change Password Procedure :

Fig 4.2b

- Step 1 : On **{Transmitter Information}** panel, click **[Change Password]** button for administration password or user password change
- Step 2 : Enter the old password, new password and confirm the new password again. Click **[OK]** to save the new password and exit the panel. Press **[Apply]** button on **{Transmitter Setup}** panel to save the setting to the transmitter.

Registration Checking Procedure :

Registration Checking

Fig 4.2c

Step 1 : On {Transmitter Information} panel, click [Registration Checking] checkbox. Press [Apply] button on {Transmitter Setup} panel to save the setting to the transmitter.

<u>V</u> ersion:	02.01.05		Upgrade Firmware	Step 1 :	On {Transmitter Information}
	J	Fig 4.2d			panel,click[Upgrade Firmware]
Choose an r Look in: VC++_NET VTIO WINDOWS WINZP WinXP Wirs3ad822 File name: Files of type:	xp file for firmwa Local Disk (C:) T 2 (rx-pack-2.01.05.rxp RXP File (*.rxp)	re upgrade rx-pack-2.01.05.rxp Fig 4.2e	Image: Cancel	Step 2 :	A panel [Choose an RX file for firmware upgrade] will pop up. Choose the rxp file and click [Open].
File: Current Version: New Version:	ATE C-Vix pack-2.01.05 rpp 2.01.05 2.01.05		Browse Start Cancel	Step 3:	A panel [Upgrade Firmware] will pop up and click [Start] to start upgrading.
Warning	Corrent Version : 2.03.05 Kerevit Version : 2.01.05 You must NOT deconnect or burn off th connection is stable. Are you sure to up version is stable. Are you sure to up	Fig 4.2f	o ensure your broadband	Step 4:	A warning message will pop up, click [Yes] to continue
Upgrade Firmw File: Current Version: New Version: Uploading 402	F:\nx-pack-2.01.05.txp 2.01.05 2.01.05		Browse Browse Stop Cancel	Step 5:	Wait until the progress bar became full. **Do not close the panel until upgrading finished.

Upgrade Version Procedure :

Change Password, Registration Checking & User Account Management

Advanced Security Mode User Account Management (Only for RX 360 series):

(i) Switch Security Mode:

Step 1 : Click [User setting] option on {Transmitter Setup} panel to enter {User Accounts} Tab.

Transmitter's Name:CAFE.107 Transmitter's Name:CAFE.107 Transmitter's Name:CAFE.107 Transmitter's Name:CAFE.107 Transmitter's Video Input RX-SE Transmitter's Name:CAFE.107 User setting		er Accounts Basic security mode s Admin Password:	ettings *******		*****	Char	nge Password	i
	User Password: Change Password							I
		User Name	Туре	Time Out	Audio	Camera Cont	Playback	Ev
		REMOTE	Local, Netwo	No Time Out	YES	YES	YES	NC
		LOCAL	Local	No Time Out	YES	YES	YES	YE
		ADMINISTRATOR	Local, Netwo	No Time Out	YES	YES	YES	YE
						Edit	Delete	
						Euk	Delete	
		Power On Default Ri	ight:	Cł	ange settings	of Power On	Default Right	
Reload Import Export	-						Apply	Close

Step 2: Click [Basic security mode settings] / [Advanced security mode settings] checkbox.

B	asic security mode s	ettings	-				
	Admin Password:	*******	*******	*****	Char	nge Password	±
	User Password:	Allov	w camera con	***** trol and remot	Char e playback.	nge Password	i
] A [Advanced security mode settings						
	User Name	Туре	Time Out	Audio	Camera Cont	Playback	Ev
	REMOTE	Local, Netwo	No Time Out	YES	YES	YES	NC
	LOCAL	Local	No Time Out	YES	YES	YES	YE
	ADMINISTRATOR	Local, Netwo	No Time Out	YES	YES	YES	YE
							>
			A	dd	Edit	Delete	,
	Power On Default Ri	ight:	Ch	iange settings	of Power On	Default Right	

Change Password, Registration Checking & User Account Management

Step 3. Input required password checking information in {Password checking} panel.

For switching to basic security mode, enter administrator password.

Password checking 🛛 🛛 🔀
Basic security mode administrator:
Password:
Apply Cancel

For switching to advanced security mode, enter password and username of a user who has "USER ACCOUNT"

group permission.

Password checking	×
Advanced security mode administrator: <u>U</u> ser Name: <u>P</u> assword:]
Apply Canc	el

Step 4. Click button to save the setting. The transmitter will restart automatically if password

checking is successful.

(ii) Add user for advanced security mode:

Step 1 : In {User Accounts} Tab, click [Add] button.

Oser Mallie		туре	Time Out	Audio	camera cono	Гіаураск	Ľ
REMOTE		Local, Netwo	No Time Out	YES	YES	YES	NC
LOCAL		Local	No Time Out	YES	YES	YES	YE
ADMINIST	RATOR	Local, Netwo	No Time Out	YES	YES	YES	YE

Step2: In {User Account Information} page, enter the user information and click [OK] button.

쁆 User Account Infor	mation		
Account Info			
Network Password:			Change
Re-type Network Pas	sword:		
Local Password:			Change
Re-type Local Passw	ord:		
User Type	-Local Log-In Time Out	-Video Monitor	ing
Network	No time out	Cam 1	Cam 9
	0 3U secs	Cam 2	Cam 10
Access Right	0 2 mins	Cam 3	Cam 11
🔲 Audio	0 5 mins	Cam 4	Cam 12
Playback	0 15 mins	Cam 5	Cam 13
Camera Control			Cam 14
Event Control	Switch Control		Cam 14
🔲 Video Backup	Switch 1	Cam 7	Cam 15
Recording	Switch 2	Cam 8	Cam 16
System Settings	Switch 3		_
User Account	Switch 4	Select All	
		ОК	Cancel

(Note: 1. At least one user type must be selected. 2. At least one camera must be selected)

Step 3: Click button to save the setting.

(iii) Edit user settings for advanced security mode:

Step 1 : In {User Accounts} Tab, select the target user and click [Edit] button.

User Name	Туре	Time Uut	Audio	Lamera Lont	Ріаубаск	EV
REMOTE	Local, Netwo	No Time Out	YES	YES	YES	NC
LOCAL	Local	No Time Out	YES	YES	YES	YE
ADMINISTRATOR	Local, Netwo	No Time Out	YES	YES	YES	YE

Step 2: In {User Account Information} page, edit the settings of the user and click [OK] button

User Info	LICED1		
Bernote Dessured	USE III		
Local Password:	*******	Chang	je je
User Type	Local Log-In Time Out	Camera Control	
🗹 Remote	 No time out 		
📃 Local	O 30 secs	Cam 1 Can	n 9
Llear's Permission	() 1 min	Cam 2 Can	n 10
	🔿 2 mins	Cam 3 Can	n 11
	◯ 5 mins	Cam 4 Can	n 12
	🔿 15 mins	Cam 5 Can	n 13
Camera Control		Cam 6 Can	n 14
Event Control			n 15
Video Backup	Switch 1		40
Recording	Switch 2	Cam 8 Can	n 16
System Settings	Switch 3		
User Account	Switch 4	Select All	
		OK Can	icel

(For changing password, click [Change] button and enter the old password and new password.)

(iv) Delete user for advanced security mode:

Step 1 : In {User Accounts} Tab, select the target user and click [Delete] button.

A 🖸	dvanced security mo User Account(s):	ode settings					
	User Name	Туре	Time Out	Audio	Camera Cont	Playback	Εv
	REMOTE	Local, Netwo	No Time Out	YES	YES	YES	N
	LOCAL	Local	No Time Out	YES	YES	YES	YE
	ADMINISTRATOR	Local, Netwo	No Time Out	YES	YES	YES	YE
			A	dd C	Edit	Delete	>

Step 2: Click

Apply

button to save the setting.

(v) Modify Power On Default Right

Step 1 : In {User Accounts} Tab, click [Change settings of Power On Default Right] button.

Power On Default Right:	
	Change settings of Power On Default Right

Step 2 : In {Power On Default Right} Page, change the settings and click [OK] button.

🗱 Power On Default Ri	ght 📃 🗖 🔀
Access Right	Video Monitoring
Audio	Cam 1 Cam 9
Playback	Cam 2 Cam 10
Camera Control	Cam 3 Cam 11
Event Control	Cam 4 Cam 12
Video Backup	Cam 5 Cam 13
Sustem Settings	🗌 Cam 6 📄 Cam 14
User Account	🗌 Cam 7 📄 Cam 15
-Switch Control	🗌 Cam 8 📃 Cam 16
Switch 2	Select All
Switch 3	
Switch 4	
	OK Cancel

Step 3: Click

Apply

button to save the setting.

4.3 Video Settings

Video settings menu allows user to do the camera related setting : video mode, PTZ driver, camera installation and camera name.

Video Mode

It is video standard setting. Video mode supports **NTSC** and **PAL** option. All cameras connected to the transmitter are necessary to have **same** video mode.

PTZ Driver

The transmitter supports 3 types of PTZ driver : Pelco D, *Tele*Eye DM4 Series and *Tele*Eye DM Series. The 5 baud rate levels : 2400bps, 4800bps, 9600bps, 14400bps and 19200bps.

Video Settings Setup Procedure :

Transmitter's Name:RX368 Transmitter's Name:RX368 Connection	Vie	deo Settings Video Mode			
Oate/Time		⊙ NTSC		🔘 PAL	
		Video Sources			
🙀 User setting		Installed	Camera Name	Installed	Camera Name
Recording		🗹 Cam 1	CAM 1	🔽 Cam 2	CAM 2
Event		🔽 Cam 3	CAM 3	🔽 Cam 4	CAM 4
		📃 Cam 5	CAM 5	🗹 Cam 6	CAM 6
		🗹 Cam 7	CAM 7	🔽 Cam 8	CAM 8
		Cam 9		🗌 Cam 10	
		Cam 11		🗌 Cam 12	
		🗌 Cam 13		Cam 14	
		Cam 15		Cam 16	

VGA Out:

Resolution:

Frequency:

Spot VGA Out:

None

None

1024 X 768

Apply

Close

VGA

Step 1 : Click [Video Settings] option on {Transmitter Setup} panel to enter {Video Settings} panel.

Video Settings

Reload

Import

Export

PAGE 40

Step 2 :	Click the button to select NTSC or PAL video mode
Step 3 :	Click [Installed] checkbox to install the camera and edit the camera name.
Step 4 :	For VGA settings, click [Resolution] Combo Box and [Frequency] Combo Box to select their corresponding
	Step 2 : Step 3 : Step 4 :

value.

4.4 Connection

*Tele***Eye RX** transmitter supports different kind of connection device. The menu allows user to set TCP/IP and modem settings.

Connection Setup Procedure :

Step 1 : Click [Connection] option on {Transmitter Setup} panel to enter {Connection Settings} panel.

Transmitter's Name:TeleEye → Video Input ↓ Video Properties ↓ PTZ	Connection Settings		
Connection	LAN stream	100Mbps	
O Date/Time	Boardband stream	10Mbps	*
Q User setting	Narrowband stream	256Kbps	*
E C Recording	Mobile stream	120Kbps	•
	🕹 Network S	ettings	
	🥔 Modem S	ettings	
Reload Import Exp	off [Apply	Close

Fig 4.4a

4.4.1 Network Settings

Network settings menu allows user to do TCP/IP connection stream configuration. If user setup *Tele***Eye RX** transmitter for the 1^{st} time, it is highly recommended to follow the setup steps in the *Tele***Eye RX** User Guide first.

IP

The Internet protocol (IP) address of the transmitter set by user or given by user's ISP.

Gateway

The Internet protocol (IP) address of the router / network switch of user's network or given by user's ISP that is connected to the transmitter.

DNS

The Internet protocol (IP) address of the domain name server (DNS) of user's network or given by user's ISP that is connected to the transmitter.

sureLINK

sureLINK supports *Tele*Eye transmitter with dynamic IP. User can set *sureLINK* update the transmitter IP every 15 minutes, 30 minutes, 45 minutes and 60 minutes. User need to apply for a *sureLINK* account before using this function.

For the details of *sureLINK*, please refer to P.162 of Section 14.1 : *sureLINK* Technology

Network Settings Procedure :

Step 1 : Click [Connection] → [Network] option on {Transmitter Setup} panel to enter {Network Settings}

Transmitter's Name TeleFue		
"Sa Video Input	Network Settings	
Video Properties	- General Settings	1
Connection Andem Date/Time HDD Management User setting	IP. 210.17_139.200 Port 1024 Subnet Mask: 255.255.255.0	
Recording Switches Event	✓ Enable DNS Primary DNS: 203.80_96_9_ Secondary DNS: 203.80_96_10_	
	sureLINK Using sureLINK Address www. moderno , Teleeye . Update IP address every 15 minutes Advanced sureLINK Test	
Reload Import Export	Apply	Close
	Fig 4.4.1a	

panel as shown on **Fig 4.4.1a**.

IP:	210.17139.148	Port	1024
Subnet Mask:	255.255.255.0		
🗹 Gateway	210.17139.78_		
Primary DNS:	202.14674		

Step 2 : Fill in the general network setting items.

PAGE 44

sureLINK	Step 3 :	Click [Using sureLINK
Using sureLINK Address		Address] checkbox to enable
www. rxtest teleeye .TeleEye.net		sureLINK function. Fill in the
Update IP address every 15 💉 minutes		sureLINK with the
Fig 4.4.1c		recommended format :
	www.your_si	te.your_company.TeleEye.net
		Select sureLINK address
_		refresh rate.
	Step 4 :	Press [Apply] button on
Apply Close		{Transmitter Setup} panel to
Fig 4.4.1d		save the setting to the
		transmitter.
If user change any connection settings, after pre	essing [Apply]	button, the transmitter will

restart.

4.4.2 Modem Settings

Network settings menu allows user to do modem connection configuration. If user setup *Tele***Eye RX** transmitter for the 1^{st} time, it is highly recommended to follow the setup steps in the *Tele***Eye RX** User Guide first.

Baud Rate

It is the baud rate of the modem connection. Higher baud rate can have higher connection speed.

Ring Count

It is the ring count of the modem before connecting to the transmitter.

Extra Initialization Command

It is used for inputting modem AT command for controlling the modem.

Modem Settings Procedure :

Step 1 : Click [Connection] → [Modem] option on {Transmitter Setup} panel to enter {Modem Settings} panel

ransmitter's Name:TeleEye N Video Input L Connection	Modem Settings		
Modem Date/Time RVSE HDD Management User setting Recording	Baud Rate (bps)	19200 - 57600	Ring Count C 4
Switches Event	C 9600 C 3	38400 C 115200	C 8
	AT	140	

as shown on Fig 4.4.2a., select modem interface in [Interface] Combo Box.





4.4.3 3G USB Modem Setting :

For firmware supporting 3G USB Modem, an additional option will appear as Fig 4.4.3a:

Transmitter's Name:RX504	3G USB Modem
Video Settings	
	Enabled
Hetwork Modem Git USB Modem Date/Time PX-SE HDD Management Git Recording Seconding Seconding Verst	Settings Dialup by: SMS/Event Profile to connect: 1 Profile 1: APN:
	Dial Number: *99***1#
	Profile 2:
	APN:
	Dial Number: *99***1#
	Test 3G USB Modem





<u>4.4.4 IP Filtering Setting :</u>

Network Modem Galaction Salaction Salaction Salaction Salaction Salaction Salaction Salaction Salaction Salaction	□ IP Filtering Setting			
	P Filtering Uption	llow	ed.	
	Start IP	End IP		
- 🕼 User setting - 🔞 Recording	1 0.0.0	0.0.00		
Switches	2 0.0.0.0	0.0.0.0		
- 🔶 Event	3 0.0.0.0	0.0.0.0		
	4 0.0.0.0	0.0.0.0		
	5 0.0.0.0	0.0.0.0		
	6 0.0.0.0	0.0.0		
	7 0.0.0	0.0.0.0		
	8 0.0.0.0	0.0.0.0		
	IP Range Start	End	Remove	

For firmware supporting 3G USB Modem, an additional option will appear as Fig 4.4.4a:



- Enabled IP Filtering Option Allow O Deny Remark: All the IP range in the list will be allow Start IP End IP -0.0.0.0 0.0.0.0 2 0.0.0.0 3 0.0.0.0 0.0.0.0 0.0.0.0 4 0.0.0.0 0.0.0.0 0.0.0.0 0.0.0.0 6 0.0.0.0 0.0.0.0 0.0.0.0 0.0.0.0 IP Range Start 0_.0_.0_.0_ End 0_.0_.0_.0_ 1
- Step 2 : Click [Enabled] checkbox.
- Step 3 : Select [Allow] button or [Deny] button to allow or deny all IP range record.
- Step 4 : Check on the wanted IP range record in the table, the background color of the selected record will be changed.

Step 5 : The selected IP range will display on the text fields, user can modify them.



- Step 6 : Press [Add] button to add the new IP range to the table.
- Step 7 : Press **[Apply]** button save the setting to the transmitter.

Modify/Remove exist IP record

Start 210.17_.139.20_

Modify

Apply

IP Range

1

	Start IP	End IP	
1	210.17.139.20	210.17.139.60	
2	0.0.0.0	0.0.0	
3	0.0.0.0	0.0.0	
4	0.0.0.0	0.0.0	
5	0.0.0.0	0.0.0	
6	0.0.0.0	0.0.0.0	
7	0.0.0.0	0.0.0	
8	0.0.0.0	0.0.0.0	

J

End 210.17_.139.60_

Remove

Close

Step 8 : Check on the wanted IP range record in the table, the background color of the selected record will be changed.

- Step 9 : The selected IP range will display on the text fields, user can modify them.
- Step 10: Press [Modify] button to update the IP range or Press [Remove] button to remove the exist IP range.
- Step 11 : Press **[Apply]** button save the setting to the transmitter.

4.5 RXSE

If there is any RXSE in the network, it allows users to set the RXSE settings for TeleEye RX

transmitter.

RXSE Setup Procedure:

Step 1 : Click [RXSE] option on {Transmitter Setup} panel to enter {Date / Time Settings} panel.

Transmitter's Name: TeleEye	RXSE				
Connection Date/Time	Information of PD <se1< td=""><td>•</td><td></td><td></td><td>- 51</td></se1<>	•			- 51
HDD Management Viser setting Recording	F Enabled	210.17_139.87_	Port	1025	
Will Switches	Password			Change	
System Tamper Input System Tamper Input	Serial Number.		-	iest	
 Power Failure Input Overheat 	Version	J			
	5		Canfig Pr	e Settings in RKSL	

Step 2 : Click [RXSE] combo box button to choose RXSE

Information of RXSE1 🔹 💌

Step 3 : Click [Enabled] button to enable RXSE

🔽 Enabled

Step 4: Enter the IP and Port number for the target RXSE in the boxes provided.

Step 5: Click [Change] button to open {Change RXSE Password} panel.

🗱 Change RXSE	Password	_ 🗆 🗡
Old Password:		
New Password:		
Confirm New Pass	word:	
	ОК	Cancel

Step 6: Enter the required password in the boxes provided and click [OK] button to change the password.

Step 7 (Optional): Click [Test] button to test the connection status using the IP, Port and Password in Step 1 to 5.



Step 8 : Click [Config the Settings in RXSE] button to configure settings of the connected RXSE, {RXSE

Config Form} Panel will pop up

Config the Settings in RXSE

Step 9: Input the required information in the boxes provided and the click **[OK]** button to apply the configuration settings.

💏 RXSE Con	fig Form	_ 🗆 🗵
IP:	210.17139.86_	
Port	1024	
Subnet:	255.255.255.0	
Gateway:	210.17138.78_	
Password:	*****	Change
	ОК	Cancel

Transmitter's Name TeleEye	Transmitter Info	ormation	
Connection Connection Connection FXSE HDD Management Vuser setting Recording Switches Event Alam Record Sensor 1	Transmitter Information Name: Senial Number: Modet	TeleEye VTC19392 PX364	
Action Sensor 2 Sensor 3 Sensor 4 Sensor 5 Sensor 6 Sensor 7 Sensor 8 Sensor 9 Sensor 10 Sensor 11 Sensor 11 Sensor 12 Sensor 12	⊻ersion: IZ Registration Ch IZ Enable Built-in 1	03.06.09 ecking Web Server	Upgrade Firmware Upgrade SE Firmware External Keyboard
Sensor 14 Sensor 15 Sensor 15 Mation	Restar	Transmitter	Restore To Factory Setting (Except IP)

To upgrade RXSE, on {Transmitter Information} panel, click [Upgrade SE Firmware...]

Click Upgrade in the {RXSE Firmware Upgrade} panel and select the SE firmware package.

🗱 RXSE Firm	ware Upgrade	
Firmware ver	sion:	
	Current firmware version	Status
RXSE 1:		
RXSE 2:	00.00.94	Normal
	Upgrade	Cancel
	-+3	

4.6 Date / Time

It allows users to set the clock for TeleEye RX transmitter manually or automatically with the

internet clock.

Date / Time Setup Procedure (manually):

Step 1 : Click [Date / Time] option on {Transmitter Setup} panel to enter {Date / Time Settings} panel.

🗱 Transmitter Setup		_ 🗆 🗵
Transmitter's Name: Video Input Commection HDD Management User setting Recording Switches Event	Date/Time Settings	
Reload Import Export		Close

Fig 4.5a

Step 2 : Select the date and time

Day:		Month:		Year:	weiter the	<u>H</u> our:		Minute	8	Secor	nd:
31	1	October	~	2005	<u>^</u>	16	^	49	^	34	^

Fig 4.5b



Step 3 :	Press	[Aj	oply]	button	on
	{Tran	smitt	er Setu	n p } pan	el to
	save	the	setting	g to	the
	transm	nitter.			

Date / Time Setup Procedure (with internet clock):

Step 1 : Click [Enable] checkbox in the {Date / Time Settings} panel.

😤 Transmitter Setup		
Transmitter's Name: Video Input Connection HDD Management User setting Recording Switches E Event	Date Date Day: Month: Year: 12 October 2005 Time Hour: Minute: Second: 0 33 48 Image: Time Synchronization Image: Finaled Primary Time Server: TIME.WINDOWS.COM Image: Secondary Time Server: TIME.NIST.GOV Image: Previous Status and Date/Time: Success, 11/10/2006 23:47:30 Image: Current Status and Date/Time: Success, 12/10/2006 00:16:33 Image: Time Zone Image: Image: Image: Time Zone: Image: Image: Image: Country - Image: Image:	
Reload Import Export		Close
	F1g 4.5u	
nary Time Server: time.windows.c Fig 4.5	Se Step 2 : Input the addres	s of 1 ary T

Server]





Fig 4.5h

Step 3 : Press [Apply] [Apply] button on {Transmitter Setup} panel to save the setting to the transmitter.

4.7 HDD Management

This menu allows user to view the hard disk information, do scan disk and format disk.

Model No.

The model number of the hard disk

Serial No.

The serial number of the hard disk

Capacity

The total capacity of the hard disk

Used Space

It is the used up capacity of the hard disk. **Cycled** means the oldest recording data has been removed due to cyclic disk mode for recording.

Scan Disk

*Tele***Eye RX** transmitter provides this function so as to rescue the hard disk when errors found, and to enhance its performance and reliability. After scanning, if there is any damaged file, it will be deleted so that the remaining normal videos can playback.

It will be used in the following cases:

- You cannot playback the recorded videos
- You cannot search the desired video from the recording log. Although you can find it, you cannot play it
- You wonder if the hard disk has any problem

Format Disk

It is used for cleaning up hard disk space for other recording. After formatting, the transmitter will restart automatically.

During scan disk or format disk, all recording, playback, scan disk and format disk through OSD menu are **terminated**.

HDD Management Procedure :

Step 1 : Click [HDD Management] option on {Transmitter Setup} panel to enter {HDD Management} panel.

Transmitter's Name: TeleEye Ski Video Input Connection Date/Time PRSE	HDD Manager Hard Drive Informatic Hard disk of:	nent ^{xri}		
User setting		Master	Slave	
Switches	Model No.	Maxtor 61080L0		
Event	Serial No.	Y36T1S1E		
	Capacity	81GB		
	Used Space	52%	d û	

Fig 4.6a

Step 2: Select Hard disk in [Hard Disk] Combo Box

Hard disk of : Local	
Scan Disk Fig 4.6b	Press [Scan Disk] button to do scan disk
Format Disk Fig 4.6c	Press [Format Disk] button to do format disk. After formatting, the transmitter restarts.

4.8 Restore Factory Setting

*Tele***Eye Reception Software WX-30** supports to restore factory default setting without restoring the network setting, so remote user can connect to the transmitter again after the restoration. User can get back the original default factory setting by using the function.

The transmitter will not reconnect to the transmitter after the restoration. User need to connect to the transmitter manually.

Restore Factory Setting Procedure :

Step 1 : On {Transmitter Information} panel, click [Restore To Factory Setting (Except IP)] to restore the

factory setting.

🚰 Transmitter Setup						
Connection Video Input S. Video Properties Ornection Network Modern Dete-Time Dete-Time Dete-Time Dete-Time Switches Switches Ornection Switches Switches Ornection Switches Switches Ornection Switches Switches	Transmitter Info Transmitter Information Name: Senial Number: Model Version: I♥ Registration Ch I♥ Enable Built-in Restart	Transmitter	Restore To Fa	Upgrode Firmware		
	F	ig 4.7a				
		\bigcirc				
e Transmitter Are you sure to restore trans (IP, subnect, gateway, DNS v <u>Y</u> es	mitter to factory will not be restory	setting? ed)	Step 2 :	Click [Yes] factory settin will restart af	to restore g. The transn terward.	the nitter

Fig 4.7b

Re

4.9 Restart Transmitter

Remote user can restart the transmitter by using this function, but the transmitter will not reconnect to the transmitter after the restoration. User needs to connect to the transmitter manually.

Restart Transmitter Procedure :

Step 1 : On {Transmitter Information} panel, click [Restart Transmitter] to restart transmitter.

Max Video Input	Transmitter Info	ormation		
Video Properties	Transmitter Information			
L Connection	Name:	TeleEye		
Modem Date/Time	Serial Number:	VTC19392		
HDD Management Dy User setting Recording	Modet	RX364		
Switches Event	⊻ersion	03.05.08	Upgrade Firmware	
	I⊽ Registration Ch	ecking Web Server	Esternal Keyboard	
	Restart	Transmitter	Restore To Factory Setting (Except IP)	

Fig 4.8a

Л

PAGE 60



Fig 4.8b

Step 2 : Click **[Yes]** to restart the

transmitter.

4.10 Time Sync Test

🗱 Transmitter Setup	
Transmitter's Name: TeleEye Video Input Video Properties PTZ Date/Time HDD Management User setting Scheduled Recording Scheduled Recording View Event	Date/Time Settings Date Day Month: Year: 16 Intervention Image: 2006 Time Synchronization Primary Time Server: Imme.mint.gov Secondary Time Server: Imme.nist.gov Previous Status and Date/Time: N/A Current Status and Date/Time: N/A Time Zone Imme Zone Time Zone: Immt8.00 Country Asia/Hong_Kong
Reload Import Export	Apply Close

Step 1 : In {Transmitter Setup} panel, click [Date/Time] as Fig 4.9a.

Fig 4.9a

	\square				
Time Synchronization		Step 2 :	Click [En	abled] che	ckbox to
			enable	the	Time

PAGE 61

Fig 4.9b		Synchronization.
Time Synchronization <u>Enabled</u> <u>Primary Time Server:</u> <u>time.windows.com</u> <u>Secondary Time Server:</u> <u>Imme.rist.gov</u> Previous Status and Date/Time: N/A Current Status and Date/Time: N/A <u>Time Synchronzation Test</u> <u>Update</u> <u>Fig 4.9c </u>	Step 2 :	In the time Synchronization, input the Primary Time Server and Secondary Time Server. Click [Time Synchronization Test] to apply the test
Connectivity Test sureLINK Test E-mail Test Time Synchronization Test Diaback Test Prerequisite Settings/Information Primary DTP Server time.rist.gov Time Zone GMT8:00 Primary DNS 203:00:96.9 Secondary DNS 203:00:96.10 Date/Time Status Status Conserved Status Conserved Status Close	Step 3 :	Click [Sart Test] to run the test.
Date/Time Status 16/10/2006 12:12: Time is synchronized with time server Fig 4.9e	Step 4 :	The test result will appear on the status. Click [Close] to end the test

Restart Transmitter

PAGE 62

Time Synchronization		
🗹 Enabled		
Primary Time Server:	time.windows.com	*
<u>S</u> econdary Time Server:	time.nist.gov	~
Previous Status and Date/Time	Success, 16/10/2006 12:12:03	
Current Status and Date/Time:	Success, 16/10/2006 12:12:24	
	Time Synchronzation Test	<u>U</u> pdate

The updated test result will show on the Time

Synchronization

4.11 sureLINK Setup

Step 1 : In {**Transmitter Setup**} panel, click [**Connection**] → [**Network**] as Fig 8.1.4c.

Transmitter's Name:TeleEye 🖘 Video Input	Network Settings
L Connection	General Settings
Modem	IP: 210.17139.200 Port: 1024
HDD Management	Subnet Mask: 255.255.0
Construction C	Gateway 210.17_,139.78_
₩ Switches ◆ Event	Enable DNS
	Primary DNS: 203.80969_
	Secondary DNS: 203.809610_
	sureLINK
	Using sureLINK Address
	www. rxdemo teleeve
	Update IP address every 15 V minutes
	Advanced sureLINK Test

Fig 8.1.4c

PAGE 63

	sureLINK			Step 2 :	Click	[Using	sureL	INK
	🗹 Usi	ng sureLINK Address			Address] checkboz	x	
		Fig 8.1.4d						
-sureLINK-				Stop 2 :	Input the	addraga	and cal	at a
	Lleina surel INK Ad	trass		Step 5.	input the	e address	and sele	ect a
					suitable	option in	Updat	e IP
	www. rxdemo	teleeye .						
	Update IP addres	s every 15 💌 minutes	_		address.	Press	[sureL	INK
		Advanced sureLINK Te	st		test]			
		Fig 8 1 4e						
		\downarrow						
Connectivi	ty Test		X					
sureLINK	Test E-mail Test Dia	lback Test		Step 4 :	Click [st	tart test]	to save	the
Prerequ	uisite Settings/Informati	n			a attime			
sure	LINK Address	www.rxdemo.teleeye.teleeye.net			setting.			
Tran	nsmitter Serial No.	VTC19392						
Prim	ary DNS	203.80.96.9						
Sec	ondary DNS	203.80.96.10						
Testing	g Results							
	Date/Time	Status						
			-					
		Start Test	Close					
		Fig 8.1.4f						
		\checkmark						
Testing	Results			Sten 1 ·	Test reg	ult will a	how in	the
	Data /Time	Ch-har		Sicp 4 .	1051 1081	unt will S	now III	uic
10.11	Date/Time	Status			status.			
16/1	0/2006 11:34:	In Progress						

Fig 8.2.3d

4.12 Import/Export Setting Backup

To start export:

Step 1 : Click [Transmitter Settings] icon on the main panel and input the administrator password to pop up

{Transmitter Settings} panel as shown on Fig 4.11a. Press [Export] button to do the export setting

backup.

🗱 Transmitter Setup				
Transmitter's Name: TeleEye	Transmitter Information Transmitter Information Name: Serial Number: Model: Version: ✓ Registration Che ✓ Enable Built-in V Restart	rmation TeleEye VTC19392 RX364 03.05.07 ecking Veb Server Transmitter	Upgrade Firmware External Keyboard Restore To Factory Setting (Except IP)	
Reload Import Export			Apply Clos	e



× Import / Export Setting Video EventHandler Recording Email/Dialback Г Е Switches Transmitter Г Date/Time 🔽 OSD Option Connection 🔲 Select All Start Export Cancel

Fig 4.11b

Step 2 : Select the suitable option and press **[Start Export]**. You can select more than one choice.

To start import:

Step 1 : In {Transmitter Settings}, press [Import] button to do the import setting backup.

🗱 Transmitter Setup				- 🗆 🗵
Transmitter's Name: TeleEye ✓ Transmitter's Name: TeleEye ✓ Video Input ✓ Connection ✓ Date/Time ✓ HDD Management ✓ User setting ✓ Recording ✓ Switches ✓ Event	Transmitter Information Transmitter Information Name: Serial Number: Model: Version: ✓ Registration Che ✓ Enable Built-in V	rmation TeleEye VTC19392 RX364 03.05.07 ecking Veb Server	Upgrade Firmware	
Reload Import Export	Restart	Transmitter	Restore To Factory Setting (Except IP)	e

Fig 6.4c

	\Box
Import / Export Setting	×
Import Setting Path::	
	Start Import Cancel

Fig 6.4d

Step 2 : Press [...] to select setting backup file and press [Start Import].

4.13 External Keyboard

External Keyboard setting:

Step 1 : Go to [Transmitter Information] panel of the {Transmitter Setup} page and click [External Keyboard]

button.

Transmitter's Name:RX364 ✓ Video Input ✓ Video Properties ✓ PTZ	Transmitter Info	rmation
	<u>N</u> ame: Serial Number: <u>M</u> odel: <u>V</u> ersion:	R×364 VTC19392 R×364 03.07.05 Upgrade Firmware Upgrade SE Firmware
	Registration Che	cking /eb Server External Keyboard Transmitter Restore To Factory Setting (Except IP)
Reload Import Export		Apply Close

Step 2: In {External Keyboard} page, change the settings and click [OK] button.

External Keyboard	
Mode:	PanelDirect
Transmitter ID:	255
RS-485 Bit Rate:	4800 bps 💌
	DK Cancel
Step 3: Click	button to save the setting

Restart Transmitter
Section 5

Remote Live Monitoring

5.1 Screen Mode & Camera

TeleEye Reception Software WX-30 provides remote site real time live monitoring

function. During the remote live monitoring, user can select full **[1]**, quarter **[11]**, **3x3 [11]**,

hex iii, **auto-arrange iii** screen mode and which camera to view the remote site. User can click the screen on the panel directly to select the camera. The screen mode and camera control panel is shown on Fig 5.1a.



Fig 5.1a

Example Usage of Different Camera and Screen Mode

1. Full Size with Selected Cameras :

The full size displays only 1 camera at 640x480 pixels resolution. User can press button at the panel as shown on **Fig 5.1b**.



Fig 5.1b

2. **Quarter Size with All cameras :**

The quarter size can display at most 4 cameras with 320x240 pixels resolution. User can press button at the panel to select all 4 cameras as shown on Fig 5.1c.



Monitoring...

Fig 5.1c

3. Quarter size with Selected Cameras :

If user chooses to display quarter size with some cameras at 320x240 pixels resolution, user can press button at the panel as shown on **Fig 5.1d**. The camera **without** selected will remain to display its last frame.



Fig 5.1d

4. 3x3 Size with All Cameras :

The 3x3 size display 9 cameras with 320x240 pixels resolution each camera on the panel. User can press button at the panel to select all 9 cameras as shown on **Fig 5.1e**. User can press other camera buttons to select the cameras which he wants to display.



Fig 5.1e

5. Hex Screen Mode with All Cameras :

The hex screen mode can display at most 16 cameras with 160x120 pixels resolution each camera on the panel. User can press button at the panel to select all 16 cameras as shown on **Fig 5.1f**. User can press other camera buttons to select the cameras which he wants to display.

🎇 Tele	Eye	Reception	Software (Mo	lel No : V	NX-30)								_ O X
File 1	Tiewr	Connectio	ns Recording	Camera	Event	Transmitter	Aun Pate	al Remot	e Audio	About			
Te	Telat	Eye	1 and		-	P		5	The second			IT THE	國語。
				S. P. S.		-						EANE	
劫	œ	*		1	E	1 the st		37					NO.
	AL O C	ARM 0 0	DM869		17:14:34	SF389		7:14:34	DM567	10	17:14:34	DF113	17:14:34
8		Live											
Z		X											
5	1												
Came	era		-		-	7			5			1	
1	2	3 4											
8	6	7 8											
9	16 1	3 72											
13	14 1	5 36											
	-	-											
H		AI				C			÷				
~	n	PP											
•	D												
	M	0											
-	0												
Monitor	ing		1	ocation: I	RX304			16 Oct 20	06	Connect	ted: TCP/IP	0	

Fig 5.1f

6. Auto – Arrange Screen Mode with 3 Cameras :

Auto-arrange mode can arrange the cameras to display at suitable position. The camera may display in full, quarter or hex screen dependent on the number of camera displaying. For example, 3 cameras are installed to display in auto-arrange mode as shown on **Fig 5.1g**.



Fig 5.1g

5.2 Full Screen & Keep Aspect Ratio

With DirectX 9.0c(Apirl 2007) installed, TeleEye Reception Software WX-30 can display

video in Full Screen Mode.

Click [View] \rightarrow [Full Screen (F11)] to start full screen mode.



Fig 5.2a

In full screen mode, screen size can be changed by pressing [F1] (full size), [F2] (quad size), [F3] (3x3 size) and [F4] (hex size).



Fig 5.2b

To keep aspect ratio in full screen mode, click [View] → [Keep Aspect Ratio] before entering full screen mode.



Screen Mode & Camera

5.3 Text Display & Text Colour

*Tele***Eye Reception Software WX-30** allows displaying clock and camera name on the main panel inside the camera screen (default and recommended). However, user can enable or disable text display or change text colour.

Text Display Procedure :

Step 1 : Click [View] \rightarrow [Display Text] option on the main panel to display text as shown on Fig 5.2a.



Fig 5.3a



Step 1: Click [View] → [Text Colour] option on the main panel to change text colour. Press [OK] to complete the setting. The result is shown on Fig 5.2a.

5.4 Live Quality Setting

For firmware does not support individual camera's live quality settings:

Step 1 : In {Transmitter Setup} panel, click [Video Settings] → [Video properties] as Fig 5.3a.

Transmitter's Name:RX364 ♥ Video Settings ♥ PTZ ♥ TZ ♥	Video Properties
Reload Import Export	Apply Close

Fig 5.4a

 \int

Brightness	Step 2 :	Setup the value by moving the
64		button.
Contrast		
Color		
Fig 5.4b		
Арру	Step 2 :	Click [Apply] to save the
Fig 5.4c		setting.

For firmware supports individual camera's live quality settings:

Step 1 : In {Transmitter Setup} panel, click [Video Settings] → [Video properties] as Fig 5.3d.

Transmitter's Name:RX3616	Video Prop	erties			
E L Connection		Brightness	Contrast	Saturation	<u>^</u>
Date/Time	Cam 1	64	64	64	
HDD Management	Cam 2	64	64	64	
User setting	Cam 3	64	64	64	
Switches	Cam 4	64	64	64	
🗄 🔶 Event	Cam 5	64	64	64	
	Cam 6	64	64	64	
	Cam 7	64	64	64	N
			M	odify Video Propertie	\$
Reload Import Export					Apply Close

Fig 5.4d

PAGE 79

Modify Video Properties						
Cam 1 🗸						
Brightness 64						
Contrast						
Color 64						
Apply Cancel						

- Step 2 : Click [Modify Video Properties].
- Step 3 : Modify the value by moving the buttons in the bars and click [Apply] button.



Recording

6.1 Recording Setup

TeleEye RX transmitter supports manual recording and event recording.

This section mainly discusses manually recording function. For event recording setup, please refer to P.96 of Section 8.2.2 : Recording.

Recording Mode

Manual recording provides 6 recording modes, **1 frame per second (1 FPS)**, **2 frame per second (2 FPS)**, **3 frame per second (3 FPS)**, **4 frame per second (4 FPS)**, **5 frame per second (5 FPS)** and **continuous mode**. In 1 FPS mode, the recording frame rate is less, so the storage size is small. In continuous mode, the recording frame rate depends on the number of recording camera and more than 1 FPS, so the storage size is larger.

If event recording and manual recording are doing at the same time, recording mode will follow the one with **higher** frame rate.

Disk Mode

Cyclic disk mode can **erase the oldest recording data** in hard disk if the hard disk is full, and continue to record video. Fix disk mode need to **stop all recording** if hard disk is full.

Quality

This is the quality of the recorded video. The quality is divided into 5 levels (in ascending quality order) : low, fair, medium, good and excellent.

Resolution

This is the display resolution for the recorded video. **Full** is the resolution suitable for full size display. **Quad** is the resolution suitable for quarter size display. During playback, quad resolution video may have several noise in full size display mode.

Recording Setup Procedure :

Step 1 : Click **[Transmitter Settings]** icon on the **{Main Panel}**. Enter the administrator password to pop

Transmitter's Name:RX304	Recording Settings
Connection Date/Time Date/Time HDD Management Connecting Connecti	Disk Mode Recording Mode (For Manual Recording Only) © Cyclic © Continuous 2fps 4fps © Fixed © 1fps 3fps 5fps Recording Quality & Resolution Quality Low
	Permove recorded video after 1999 day(s) Permove recorded video after 0 1 Audio Setting Image: Channel 1 Quality: Image: Channel 1 Channel 2
	Remote Footage Extraction

up {Transmitter Setup} panel. Click [Recording] option as shown on Fig 6.1a.

Fig 6.1a

Π.

PAGE 82

Disk Mode Cyclic Fixed Fig 6.1b	Step 2 :	Click [Cyclic] or [Fixed] option for disk mode.
Recording Mode (For Manual Recording Only) Continuous 2fps 4fps 1fps 3fps 5fps Fig 6.1c	Step 3 :	Click [Continuous], [1fps], [2fps], [3fps], [4fps] and [5fps] for recording mode.
Recording Quality & Resolution Quality: Low FULL Image Size: FULL QUAD FULL Fig 6.1d	Step 4 :	Move the scroll bar to adjust [Quality]. Click [FULL] or [QUAD] option for image size. Press [OK] button to exit the panel.
Recording Retention Fenable Remove recorded video after Remove recorded video at: Footage Extraction Fig6.1e	Step 5:	Click [Enable] and set the day and time for removing the recorded video.
Apply Close Fig 6.1f	Step 6 :	Press [Apply] button on { Transmitter Setup } panel to save the setting to the transmitter.

Recording Setup

6.2 Manual Recording

Manual recording allows to record video at any time.

Manual Recording Procedure :

Step 1 : Click [Reco	ord] 💽 icon	n on the main p	anel as sho	wn on I	Fig 6.2a.	
😹 TeleEye Reception So	fnware (Model No : W	X-30)				_ 🗆 ×
File View Connections	Recording Camera	Event Transmitter	Aux Patrol	Remote	Audio About	
TeleEye ver.TeleEye.cor	E99MC		172	7.47 SF	383	
1 2 3 4 5 6 7 8 9 10 11 12 12 14 15 16 11 12 14 15 12 14 15 16 11 12 14 15 12 14 15 16 11 17 16 11 17 16 12 14 15 16 13 14 15 16 14 15 16 16 15 16 16 16 16 17 16 16 17 16 16 16 18 11 16 16 16 16 16 16 17 16 16 16 18 16 16 16 19 10 16 16 10 16 16 16 10 16 16 16 </th <th>DM567</th> <th></th> <th>1722</th> <th>7477 DF</th> <th></th> <th>17.27.47</th>	DM567		1722	7477 DF		17.27.47
Monitoring	Location: R	X304	16	Oct 2006	Connected: TCP/II	0



Г



Step 2 : Enter the administrator password.

Fig 6.2b

Manual Recording

{RX Recording} panel pop

up. Click the checkbox to

recording. [Select All] is to

Press [Start Recording] to

all

start recording now.

select

select

recording.

the camera

cameras

for

for

		Ţ			-
Recording	ł.			E	Step 3
ecording Car	nera				Ť
CAM 1	CAM 2	CAM 3	CAM 4	Select <u>A</u> ll	
CAM 5	CAM 6	CAM 7	CAM 8		
CAM 9	CAM 10	CAM 11	CAM 12		
CAM 13	CAM 14	CAM 15	CAM 16		
	<u>S</u> tart f	Recording		<u>C</u> ancel	
		Fig 6.	2c		
		Start Reco	ording		Step 4
		Fig 6.	2d		

Manual Recording

6.3 Footage Extraction

Extract footage for back up purpose. This function can back up the data stored in the transmitter into local hard disk. User only need to select the amount of memory and starting time for back up and the function will calculate the end time automatically.

Step 1: Click on [Footage Extraction] button (Fig 6.1a)

Administrator Password	Step 2 :	{Administrator Password}
Password:		panel will pop up. Input the administrator password and click [OK].
Fig 6.3a		
eotage Extraction	Sten 3 ·	(Footage Extraction) papel
Transmitter Recording Information	Step 5.	{Footage Extraction} panel
Start Time 28/8/2006 2:00:00		will pop up. Click [Browse]
Capacity		
Used Space		to choose a folder for
Extract To Free Space MB		extraction.
Camera Mode 1		
Stat Date/Time Year: Hour: Minute: Recording Start Time 28		
End Date/Time		
Feriod Length Estimated End Date/Time:		
C Memory Size Estimated Size:		
Start Extraction Cancel		
Fig 6.3b		

Manual Recording

PAGE 86

0							
Lamera							
1 ✓ 2 ✓ 3 ✓ 4 ✓ 5 6 7 8 □ 9 10 11 12 13 14 15 16 □ Clear All							
\Box							
Mode							
O All Cameras							
Selected Cameras							
C Out-t							
Ţ							
Start Date/Time							
Day: Month: Year: Hour: Minute: Recording Start Time							
20 - May - 2000 - 13 - 12 - Current Hour							
Fig 6.3c1							
Period Length							
1 Minutes							
C Memory Size							
650 MB (Maximum 650)							
Fig 6.3c2							

J

- Step 4: In {Footage Extraction} panel, select camera(s) for footage extraction.
- Step 5: Select mode for footage extraction.

Note: Lower frame rate for quick mode.

Step 6 : Input Start Date / Time and Period Length / Footage Size in the boxes provided.

(Note(Optional):

1. Click [Recording Start

Time] to select start time of the recording log.

2. Click [Current Hour] to

select current hour of the transmitter.)

Click [Start Extraction] to start.

PAGE 87

otage Extraction		x	G , 7			
Transmitter Recordin	g Information		Step 7 :	A { Format } panel will pop up.		
Start Time	28/8/2006 2:00:00					
End Time	16/10/2006 17:01:10			Click [Yes] to continue		
Capacity	251GB					
Used Space	100%					
Extract To		Free Space				
E:\Footage	Browse	1064 MB				
Camera 1 1 2 1 3 1 Start Extraction	4 〒 5 □ 5 □ 7 □ 8 □ 	Mode C All Cameras C Selected Cameras C Quick				
St 2 Foot	age Start Date/Time : 28/08/2006 02:00:00 age End Date/Time : 28/08/2006 02:07:59 68MB ou sure to extract the footage now?	Recording Start Time Current Hour				
8	Minutes Estimated End Date/1 Estimated End Date/1 (26/6/2006 Estimated Size: 3 (Maximum 650)	ime: 2800				
	Getting infomation finished	itraction Cancel				
	Fig 6.3d	t.,				
ote			Step 8 :	When the extraction is		
V Footage e	xtraction is completed! Would you like to		finished, {Note} will pop up.			
	Yes No		Click [Yes] or [No] to choose			
	Fig 6.3e		open the footage folder or not.			

Backup will not be successful if --

- 1. Two sites carrying out backup process in the remote site at the same time.
- 2. Recording retention process carrying out at the same time.

6.4 Audio Recording

🐕 Transmitter Setup			
Transmitter's Name: BX304 Video Input Domection Date/Time HDD Management Schooluge Recording Switches Vent	Recording Settings Video Setting Disk Mode ©	ording Mode (For Manu Continuous © 2f Ifps © 3f Excellent 933 = 1 8 = 1 Quality: St	al Recording Only) ps ps day(s). andard Remote Footage Extraction
	Fig 6.4a		
etting	Ţ	Step 2 :	Click the suitable channed
Qu Channel 2	ality: Standard		Four cameras for Channel
			8/16 cameras for channel 2.
Fig 6.4	lb		
[Арріј		Step 3 :	Click [Apply] to save the
Fig 6.4	lc		setting

Step 1 : In {Transmitter Setup} panel, click [Recording] as Fig 6.4a.

6.5 PC Recording Setup

PC Recording Settings	X	Stop 1 ·	Click [Recording] → [PC
Configures recording settings: Precording Partition Drive Size Usage Active Recording C: 1000MB 94% Yes No C: 1000MB 94% Yes No C: 1000MB 94% Yes No C: Executing Add Remove Modify Status: Status: Recording settings	ng System is disabled. Start Sjop	Step 1 .	Recording] \rightarrow [Setting] option to setup the PC recording as Fig 6.5a.
Fig 6.5a		Step 2 :	In Recording Mode, Click [Cyclic] or [Fixed] to setup the recording mode.
Fig 6.5b		Step 4 :	Click [OK] button to save the setting of the Recording Mode

 \overrightarrow{I} You can select enable protection for recording settings at the bottom of the table.



Playback

7.1 Start Playback

If user recorded some video by *Tele*Eye RX, user can playback the video through the playback

log in {Search Playback} panel.

Playback Procedure :

Step 1 : Click [Playback]

icon on the main panel as shown on Fig 7.1a.



Fig 7.1a

Step 2 : {Search Playback} panel pop up as shown on. User can find out event occur at which time interval and select the record video to watch as shown on Fig 7.2b. There are three event type: Alarm Sensor, Motion
Detection and Video Leep

🗱 Search Pl	ayback				
	1 3 5 7 2 4 6 8	Camera 911 1315 1012 1416 Audio	event	Event Type Alarm Sensor	Ctober, 2006
Nov 05 Dec 05 Jan 06		· · · · · · · · · · · · · · · · · · ·			1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
Feb 06 Mar 06 Apr 06		······································			22 23 24 25 26 27 28 29 30 31 二今天: 16/10/2006
May 06 Jun 06 Jul 06 Aug 06	n	<u> </u>	* *		0 C C C C C C C C C C C C C C C C C C C
Sep 06 Oct 06 Nov 06	1/10/2006	12 <u>1</u> . 1.	<u>∧**≫ X</u> ○ X	<u>12345678910111213141516</u> 12345678910111213141516	(Hints
Dec 06 Jan 07 Feb 07		•••			🐕 Motion 🔌 Power Failure 🥠 Alarm 🐝 Video Loss
Mar 07 Apr 07 May 07		••			e¶ Entry ⊒ No Rec e∰ Exit ■ Scheduled Rec
Jun 07 Jul 07 Aug 07 Sen 07					🐰 Tamper 💷 Manual Rec
					Start Playback





The table shows the meanings on the playback log icons :

Icon	Meaning
Â	Alarm has been triggered.
শ্ব	Entry has been triggered.
创	Exit has been triggered.
*	Motion has been triggered.
1000 March	Video loss has been triggered.
X	Arm/disarm input, security switch, alarm, or system has been
	tampered.
2	Power failure has been triggered.

There is video record at that time interval.
There is NO video record at that time interval.

J

The number on the icon means the channel of that event triggered.

Sun	Mon	Tue	Wed	Thu	Fri	Sal
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			
-	Tod	au.	11/1	0/20	05	

Fig 7.2c

Step 3 : User can select the video by using date search. Select the date and the time, then the playback log will display the log on that date. Or, directly press [Play] button to playback that video. Press [Reload] button to refresh the log.



PAGE 93



Step 6 : {Search Playback} panel disappear and return to the main panel and start playback and display [Playback] as shown on Fig 7.2f.

PAGE 94



For detail playback control method, please refer to P.60 of Section 7.2 : Playback Control

During playback, [Record] icon is dimmed, it cannot display the record status to user.

Ţ

Back To Live

Fig 7.2h

Step 8 : Press [Stop]

> stop the playback. {Search Playback} panel pop up automatically. User can select another video to playback or press [Back To Live] button to return to the main panel.

the

icon to

Start Playback

7.2 Playback Control

During playback, user can control the speed of playback, camera and screen mode according to user's need.

The screen mode and camera control method during playback is same as live monitoring,

please refer to P.41 of Section 5.1 : Screen Mode and Camera.

Normal Play

Play video with normal 1x speed.

Forward

Play video with fast speed.

Fast Forward

Play video with very fast speed if user press [Forward] button 1 more time.

Backward

Play video by 1 minute backward.

Pause

Pause the video playback. After pausing the video for 1 minute, the software will continue to playback automatically.

Step Forward 🛄 📂

Play video forward per frame if user press [Forward] button one time.

Step Backward 🛄 💶

Play video backward by 1 minute if user press [Backward] _____ button one time.

Stop 💻

Stop to play the video and go back to playback log.

Playback Control

7.3 Multiple Search and Playback

Step 1 : Press [play] button in the main panel as Fig 7.3a.







Step 2 :

		Camera			🔹 December, 2006 🕨
	1 3 5 7 2 4 6 8	9 11 1315 1012 1416 Audio	🔶 Event	Event Type Nam Sensor	Sup Mon Tue Wed Thu, Fri, Sa
:00 p			'4		T 25 27 28 29 30 T 2
0			п		3 💶 5 6 7 8 9
)					10 11 12 13 14 15 16
					17 18 19 20 21 22 23
					24 25 26 27 28 29 30
			*		31 1 2 3 4 5 6
					今天: 4/12/2006
					Search Multip
	4/12/2006		*		
			7		
			*		The Martine Street on the
1					n Motion U PowerFailure
ı I-					- 🦲 Alarm 🦗 Video Loss
					elle
					"ajEnty DiNoffec
0					🗮 Exit 🔳 Scheduled R
1					V - Manual Para
0					A Lanper _ Manual Nec
0					
n i					Back IoLn





Step 4 : Result will show on the left hand side. Click [Play] for playback.

Click [Multiple Search] in

the Search Playback window ..

Playback Control

PAGE 97

	Step 5 :	Search result will show on the
		main panel. Press the [Stop]
		button on the main panel to
S C S		return to search back window.
Fig 7.3e		
▲ Back To Live	Step 6 :	Click [Back to Live] button to
Fig 7 3f		return to main panel.

Fig 7.3f

Section 8 Event Handling

8.1 Event

TeleEye RX video transmitter supports 7 type of events.

- 1. Arm/Disarm
- 2. Security Switch
- 3. Alarm
- 4. Motion
- 5. Video Loss
- 6. System Tamper
- 7. Power Failure

User can know what situation occurs at the surveillance area if these events are triggering or have been triggered. The event purpose and detail setting procedure will talk in this section.

Event Setup Procedure :

inistrator P	assword	
<u>P</u> assword:		
	ОК	Cance





Transmitter's Name:FDK304	Event Action Summary							
	Part of the second s				Action	Ĩ		P
Date/Time HDD Management User setting Recording Sublabas	E verx	Live	Rec.	Switch	Dial-back		PTZ	Eve
	Alarm		3 0					1.00
	ALARM 1	1	1234	1	Yes	No	1	Ye
Event	ALARM 2	-2	1234	1	Yes	No		Ye
🗉 🥥 Alam	ALARM 3	****	1234		Yes	No		Ye
E ' Motion	ALARM 4	4	1234		Yes	No		Ye
E Disk Usage Level	Motion							
🗄 🕢 Am/Disam Input	DM869	3.	1		Yes	No		Ye
E Security Switch	Video Loss							
Power Failure Input	Disk Usage Level							
🗌 🐼 Overheat		1234	01115	(4444)	Yes	No		Ye
COL COL	Arm/Disarm							
		1234			Yes	Yes	12	N
	Security Switch							
		1234			Yes	No	23555	N
	System Tamper						M. T	
		1234	1234	11111	Yes	No		Ν
	Power Failure							
	1							×
								253

Step 2 : {Transmitter Setup} panel pop up and click [Event] option to enter event menu.

Fig 8.1b

The event action setting is summarized in {Event Action Summary} panel on Fig8.1b.

8.1.1 Arm / Disarm

Arm/Disarm

Arm/Disarm input is used for enhancing security level of the surveillance area. This input introduce the concept of 3 zone types for alarm, fire zone, normal and entry exit zone.

• Armed

If the system is armed, alarm sensor in normal zone type can be triggered immediately if someone triggers the sensor. It is usually used when there is **no operator at surveillance area**

• Disarmed

If the system is disarmed, alarm events detected from sensors will not result in an alarm except the fire zone type alarm and arm/disarm tamper. If there are **operators at surveillance area**, it is usually disarmed.

Arm/Disarm Tamper Type

Arm/Disarm tamper event triggers if someone cuts the wire between the arm/disarm input and the transmitter. This event can be triggered immediately no matter which zone is. Arm/Disarm tamper type has choice of none, SEOL, DEOL.

For further details, please refers to P.167 of Section 14.2 : *Tele*Eye RX with Tamper Circuit and External Resistor

Arm State

The arm/disarm input circuit type is **normal close** (NC). The state of the circuit is **close**, it indicates **disarm** of *Tele***Eye RX**. Otherwise, the state of the circuit is **open**, it indicates **arm** of *Tele***Eye RX**. The arm/disarm input circuit type is **normal open** (NO). The state of the circuit is **open**, it indicates **disarm** of *Tele***Eye RX**. Otherwise, the state of the circuit is **close**, it indicates **disarm** of *Tele***Eye RX**.

Zone Type

Although the setting of zone type belongs to alarm menu, it is worth to discuss as below.

• Fire Zone

This zone allows alarms to trigger no matter which arm state of the system is, i.e. armed or disarmed. It is suitable for installation of fire detectors

• Normal

This zone allows alarms to trigger after armed.

• Entry/Exit Zone

This zone allows user to set the delay time for entering or leaving the surveillance area without triggering any alarm event. If alarm recording action is enabled, recording starts at entry or exit time through out the delay.

For detail usage example, please refers to P.69 of Section 8.1.3 : Alarm.

Arm/Disarm Setup Procedure :

Step 1 : In {Transmitter Setup} panel, click [Event] → [Arm/Disarm Input] option to pop up {Arm/Disarm

Input Settings} panel as Fig 8.1.1a.

Transmitter's Name Fb<304 ™ Video Input L Connection Ø Date/Time HDD Management Ø Recording Ø Switches	Arm/Disarm Input Settin	gs
Event Motion Motion Motion Motion Dick Usage Level Dick Usage Level Dick Usage Level Security Switch Security Switch System Tamper Input Overheat	Arm Type Close Close Copen Associate Switch	Tamper G None C Single End of Line (SEOL) C Double End of Line (DEOL)
Reload Import Exp	nt	ApplyClose

PAGE 102

	↓ ↓
Arm/Disarm Input Settings	Step 2 : Click [Enabled] checkbox to
Enabled Action	enable arm/disarm input.
Fig 8.1.1b	
Arm Type © Open © Close	Step 3 : Click [Open] or [Close] option for arm type.
Fig 8.1.1c	
Tamper None Single End of Line (SEOL) Double End of Line (DEOL)	Step 4 : Click [None], [SEOL] or [DEOL] option for tamper type.
Fig 8.1.1d	
Associate Switch	Step 5 : Click [Associate Switch 1]
Fig 8.1.1e	checkbox to enable associate
	switch 1 for arm/disarm input.
If arm/disarm input associate switch	1 is enabled, the switch 1 action for all other
events will be disabled.	
Apply Close	Step 6 : Press [Apply] button on {Transmitter Setup} panel to

{**Transmitter Setup**} panel to save the setting to the transmitter.

Fig 8.1.1f
Arm/Disarm mode

There are three Arm/Disarm modes- hardware, software and schedule mode.

Arm/Disarm Setup Procedure :

Step 1 : In {Server settings} panel, click [Event] → [Arm/Disarm Input] option to open {Arm/Disarm Input

Server Connection Date/Time RXSE HDD Management Seconding Se	Arm/Disarm Input Setting Ceneral Settings Arm Mode Hardware Mode Software Mode Schedule Mode	35
A Motion Solution Solution Solution AmyDisem Input Socurity Switch Socurity Switch System Tamper Input Socurity Tamper Input	Arm Type Close Close Close	Tamper None Single End of Line (SEOL) Double End of Line (DEOL)
💑 Overheat 🗐 HDD Available	Associate Switch 1	

Settings} tab as shown in Fig 8.1.1a.

Step 2 : Select Arm mode in [Arm Mode] radio button

Step 3 : For Schedule Arm mode, click [Arm Schedule Setting...] for Schedule Arm mode settings.



Step 4: For Normal Schedule Arm mode, click **[Add]** button to select time period or click **[Delete]** to remove selected period.



Step 5: For Holiday Schedule Arm mode, click **[Add]** button to select time period or click **[Delete]** to remove selected period.

Start Date	End Date	Start Time	End Time
18/07/2008	18/07/2008	18:10:00	19:10:00
18/07/2008	18/07/2008	20:10:00	21:10:00
18/07/2008	18/07/2008	22:10:00	23:10:00
21/07/2008	21/07/2008	09:50:00	09:51:00
21/07/2008	21/07/2008	10:12:00	11:12:00
21/07/2008	21/07/2008	04:16:00	07:16:00
21/07/2008	21/07/2008	11:59.00	12:59:00
23/07/2008	23/07/2008	11:33:00	12:33:00
23/07/2008	23/07/2008	14:33:00	15:32:00

Step 6 : Click [Apply] on {Server settings} panel to save the setting to the server.



Arm / Disarm

8.1.2 Security Switch

Security Switch

It is an input to the transmitter for wiring a security switch. The purpose of the security switch is to terminate the exit delay for exit zone alarm. If the security switch is on and the system is armed, all exit delay will be terminated. If the security switch is off and an entry alarm triggered, entry delays will start.

Security Switch Tamper Type

Security switch tamper event triggers if someone cuts the wire between the security switch input and the transmitter. This event behaves as fire zone type that can be triggered once the wire being cut. Arm/Disarm tamper type has choice of none, SEOL, DEOL.

For further details, please refers to P.167 of Section 14.2 : *Tele*Eye RX with Tamper Circuit and External Resistor

On State

The security switch input circuit type is **normal close** (NC). The state of the circuit is **close**, it indicates **security switch off** of *Tele***Eye RX**. Otherwise, the state of the circuit is **open**, it indicates **security switch on** of *Tele***Eye RX**. The security switch input circuit type is **normal open** (NO). The state of the circuit is **open**, it indicates **security switch of** *Tele***Eye RX**. Otherwise, it indicates **security switch of** *Tele***Eye RX**. The security **switch input circuit** type is **normal open** (NO). The state of the circuit is **open**, it indicates **security switch of** *Tele***Eye RX**. Otherwise, the state of the circuit is **close**, it indicates **security switch on** of *Tele***Eye RX**.

For detail usage example, please refers to P.69 of Section 8.1.3 : Alarm.

Security Switch Setup Procedure :

Step 1 : In {Transmitter Setup} panel, click [Event] → [Security Switch] option to pop up {Security Switch]

's Name: RX304	ourity Cuitab Cattings	
nput	ecunty Switch Settings	
stion	Enabled Action	
me	· Endered Steam.	
anayanan stina	General Settings	
ling		
85		
NOV		
Im	On Type	Tamper
eo Loss		None
k Usage Level		C Single End of Line (SEBL)
v/Disam Innut	C Open	C Double End of Line (DEOL)
curity Switch		
item Tamper Input wer Faiture Input erheat	Associate Switch 2	
Import Export		Apply





	Ţ		
Security Switch Settings		Step 2 :	Click [Enabled] checkbox to
Enabled Action			enable security switch.
Fig 8.1.2b			
On Type		Step 3 :	Click [Open] or [Close]
O Close			option for on type.
Fig 8.1.2c			

PAGE 107

Tamper	Step 4 :	Click [None], [SEOL] or
O None		[DEOL] option for tamper
Single End of Line (SEOL)		
Ouble End of Line (DEOL)		type.
Associate Switch 2	Step 5 :	Click [Associate Switch 2]
Fig 8.1.2e		checkbox to enable associate
		switch 2 for security switch.

 \overrightarrow{I} If security switch associate switch 2 is enabled, the switch 2 action for all other events will be disabled.

	1
Apply	Close

Fig 8.1.2f

Step 6 :	Press	[Ap	ply]	button	on
	{Tran	smitt	er Setu	ı p } pan	el to
	save	the	settin	g to	the
	transn	nitter.			

8.1.3 Alarm

Alarm

It is an input to the transmitter from external alarm sensors. Alarm can be used to detect many events at the surveillance area, such as fire and illegal entering by someone. The alarm event supports **BS 8418:2003** which has arm/disarm and security switch function.

Sensor Tamper Type

Alarm tamper event triggers if someone cuts the wire between the alarm input and the transmitter. This event behaves as fire zone type that can be triggered once the wire being cut. Alarm tamper type has choices of none, SEOL, DEOL.

For further details, please refers to P.167 of Section 14.2 : *Tele*Eye RX with Tamper Circuit and External Resistor

Sensor Type

The alarm sensor input circuit type is **normal close (NC)**. The state of the circuit is **close**, it indicates **normal** of *Tele***Eye RX**. Otherwise, the state of the circuit is **open**, it indicates **alarm trigger** of *Tele***Eye RX**. The alarm sensor input circuit type is **normal open (NO)**. The state of the circuit is **open**, it indicates **normal** of *Tele***Eye RX**. Otherwise, the state of the circuit is **open**, it indicates **normal** of *Tele***Eye RX**. Otherwise, the state of the state of the circuit is **open**, it indicates **normal** of *Tele***Eye RX**. Otherwise, the state of the circuit is **close**, it indicates **alarm trigger** of *Tele***Eye RX**.

Example of Entry/Exit Zone WITH Security Switch Usage

For Entry Zone :





The entry delay is the period of time between entering the surveillance zone and reaching the transmitter. In order to disarm the system for maintenance or repair, user / installer needs to turn off the security switch and enter the surveillance zone. However, the delay time starts from the 1st trigger by the 1st alarm sensor (i.e. Alarm 4). Note that if user enables recording action, recording action is automatically activated during entry delay.

The detail procedure is as below:

- 1) user turns off security switch
- 2) the alarm is at entry delay
- the 1st trigger is made by Alarm 4 (i.e. user enter the surveillance zone and the entry delay time begin)
- 4) 2^{nd} , 3^{rd} and 4^{th} trigger are made and each entry delay starts respectively
- 5) user disarms the system for maintenance

For example: If the time for going from security switch to transmitter is about 8 minutes, Delay 1 should be longer than 8 minutes, while Delay 2 should be longer than the time for going from security switch to Alarm 2, and so on.





The exit delay is the period of time for leaving a surveillance zone without making false alarm (i.e. Alarm 1, Alarm 2, Alarm 3 and Alarm 4). The purpose is to let the user / installer have enough of time to leave the surveillance zone after the transmitter is armed. User / installer can set the delay time for each alarm.

The detail procedure is as below:

- 1) user arms the system
- 2) the alarm is at exit delay
- the 1st trigger is made by Alarm 1 (i.e. user leave the surveillance zone and the exit delay time begin)
- 4) 2^{nd} , 3^{rd} and 4^{th} trigger are made and each exit delay starts respectively
- 5) user turns off the security switch or waits for any alarm exit delay to expire.

For example, if the time for leaving the surveillance zone is about 8 minutes, user should adjust the delay time so that Delay 1 = leaving time between transmitter and Alarm 1, Delay 2 = leaving time between transmitter and Alarm 2, Delay 3 = leaving time between transmitter and Alarm 3 and Delay 4 = 8 minutes. The alarm will be activated after the exit delay expired. Note that if user enables recording action, recording action is automatically activated during exit delay.

Alarm



Example of Entry/Exit Zone WITHOUT Security Switch Usage



The entry delay is the period of time between entering the surveillance zone and reaching the transmitter. In order to disarm the system for maintenance or repair, user / installer enters the surveillance zone, and the delay time starts from the 1st trigger by the 1st alarm sensor (i.e. Alarm 4) automatically. Note that if user enables recording action, recording action is automatically activated during entry delay.

The detail procedure is as below:

- 1) the alarm is at entry delay
- the 1st trigger is made by Alarm 4 (i.e. user enter the surveillance zone and the entry delay time begin)
- 3) 2^{nd} , 3^{rd} and 4^{th} trigger are made and each entry delay starts respectively
- 4) user disarms the system for maintenance

For example: If the time for going from Alarm 4 to transmitter is about 8 minutes, Delay 1 should be longer than 8 minutes, while Delay 2 should be longer than the time for going from security switch to Alarm 2, and so on.

Alarm





The exit delay is the period of time for leaving a surveillance zone without making false alarm (i.e. Alarm 1, Alarm 2, Alarm 3 and Alarm 4). The purpose is to let the user / installer have enough of time to leave the surveillance zone after the transmitter is armed. User / installer can set the delay time for each alarm.

The detail procedure is as below:

- 1) user arms the system
- 2) the alarm moves to exit delay
- the 1st trigger is made by Alarm1 (i.e. user leave the surveillance zone and the exit delay time begin)
- 4) 2^{nd} , 3^{rd} and 4^{th} trigger are made and each exit delay starts respectively
- 5) user waits for any alarm exit delay to expire.

For example, if the time for leaving the surveillance zone is about 8 minutes, user should adjust the delay time so that Delay 1 = leaving time between transmitter and Alarm 1, Delay 2 = leaving time between transmitter and Alarm 2, Delay 3 = leaving time between transmitter and Alarm 3 and Delay 4 = 8 minutes. The alarm will be activated after the exit delay expired. Note that if user enables recording action, recording action is automatically activated during exit delay.

	Initial State		Stop 1	Stop 2	Stop 3	Rosult
Arm	Security Switch	Alarm	Step 1	Step 2	Step 5	Kesult
			Fire	Zone		
Arm	On	No trigger	Trigger alarm	١	١	Alarm trigger
Arm	Off	No trigger	Trigger alarm	\	/	Alarm trigger
Arm	Uninstall	No trigger	Trigger alarm	\	\	Alarm trigger
Disarm	\	No trigger	Trigger alarm	\	\	Alarm trigger
Uninstall	\	No trigger	Trigger alarm	\	\	Alarm trigger
Uninstall	Uninstall	No trigger	Trigger alarm	\	\	Alarm trigger
			No	rmal		
Arm	On	No trigger	Trigger alarm	\	\	Alarm trigger
Arm	Off	No trigger	Trigger alarm	\	\	Alarm trigger
Arm	Uninstall	No trigger	Trigger alarm	\	\	Alarm trigger
Disarm	\	No trigger	Trigger alarm	\	\	No alarm trigger
Uninstall	\	No trigger	Trigger alarm	\	\	Alarm trigger
Uninstall	Uninstall	No trigger	Trigger alarm	\	\	Alarm trigger
			Entry /	Exit Zone		
Arm	On	No trigger	Trigger alarm	\	\	Alarm trigger
Disarm	Off	No trigger	Arm	Trigger alarm. Exit delay starts. Recording starts (if recording	Security switch on. Exit delay ends. Recording stops Security switch off. Exit delay ends after the preset exit time value. Recording stops	Alarm can be triggered any time after that Alarm can be triggered any time
				action is enabled)	According stops	after that

Cases of Arm/Disarm, Security Switch and Alarm for the 3 Zone Type

PAGE 114

	Initial State		Step 1	Step 2	Step 3	Result
Arm	Security Switch	Alarm	~~~P -	~~~p =	step e	
			Entr	y / Exit Zone		
			Socurity quitch	Trigger alarm. Entry delay starts.	Disarm	No alarm trigger. Recording stops
Arm	On	No trigger	off	Recording starts (if recording action is enabled)	Arm	Alarm is triggered Recording does not stop unless user disarm the system
Disarm	Uninstall	No trigger	Arm	Trigger alarm. Exit delay starts. Recording starts (if recording action is enabled)	Exit delay ends after the preset exit time value. Recording stops	The system will enter entry delay automatically after next alarm trigger
			Trigger alarm. Entry delay	Disarm	\	No alarm trigger. Recording stops.
Arm	Uninstall	No trigger	Recording starts (if recording action is enabled)	Arm	\	Alarm is triggered. Recording does not stop unless user disarm the system.
Disarm		No trigger	Trigger alarm	\	\	No alarm trigger
Uninstall		No trigger	Trigger alarm	\	\	Alarm trigger
Uninstall	Uninstall	No trigger	Trigger alarm	\	\	Alarm trigger

Alarm Setup Procedure :

Step 1 : In {Transmitter Setup} panel, click [Event] → [Alarm] → [Sensor (No.)] option to pop up {Sensor

General Settings Name: ALARM 1	
Type © Normal Open (NO) © Normal Close (NC) © Cone Type © Normal © Fire Zone © Entry/Exit Zone Entry Delay:	Tamper None Single End of Line (SEDL) Double End of Line (DEDL) 10 sec Exit Delay: 10 sec Exit Delay:
	General Settings Name: ALARM 1 Type Normal Open (NO) Normal Close (NC) Cone Type C Normal C File Zone C Entry/Exit Zone Entry Delay

(No.) Setting} panel as Fig 8.1.3e.



Л

Sensor 1 Settings Step 2 : Click [Enabled] checkbox to Enabled Action... enable the alarm sensor. Fig 8.1.3f Л Step 3 : Edit the name of the alarm ALARM 1 Name: sensor. Fig 8.1.3g Step 4 : Click [Open] or [Close] for Туре Normal Open (NO) sensor type option. O Normal Close (NC)



Step 7 : After setting all alarms, user can view the alarm setting summary in {Transmitter Setup} panel by clicking [Event] → [Alarm] option to pop up {Alarm Setting Summary} panel as Fig 8.1.3k

nection	-		y						
e/Time			Alarm	Setting	-	1	-		
D Management	No.	Alarm Name	Enabled	Туре	Tamper	Zone	Live	Reo	Switch
	1	ALARM 1	Yes	NO	DEOL	Entry/Exit Z	12	1234	3-
_	2	ALARM 2	Yes	NO	None	Fire Zone	3.	1234	(0.0.03)
	3	ALARM 3	Yes	NC	None	Entry/Exit Z	1.3.	1234	12.0.228
	4	ALARM 4	Yes	NO	SEOL	Normal		1234	
Tamper Action System Tamper Input Power Failure Input									

Fig 8.1.3k

J

PAGE 117

Apply	Close
-------	-------

Step 8 : Press [Apply] button on {Transmitter Setup} panel to save the setting to the transmitter.

Setup through Alarm Setting Summary Procedure :

User can use {Alarm Setting Summary} panel as a quick way to do the alarm settings.

Alarm Setting Summary

		Alarn	Setting					A
No.	Alarm Name	Enabled	Туре	Tamper	Zone	Live	Rec	Switch
1	ALARM 1	Yes 🔻	NO	None	Fire Zone	1234	1234	34
2	ALARM 2	Yes	0	None	Entry/Exit Z	2222	1234	122.220
3	ALARM 3	No	NO	None	Normal	8.585		(AA 536)
4	ALARM 4	No	NO	None	Normal	19785	10000	1222223

Fig 8.1.3m

Alarm Setting Summary

		Alarr	n Setting						
No.	Alarm Name	Enabled	Туре	Tamper	Zone	Live		Switch	D
1	ALARM 1	Yes	NO 👻	None	Fire Zone	1234	1234	34	
2	ALARM 2	Yes	NC	None	Entry/Exit Z	2252	1234	2221	1
3	ALARM 3	No	NU	None	Normal				
4	ALARM 4	No	NO	None	Normal	0.00	6,6,6,6	0.5.55	

Fig 8.1.3n

Alarm Setting Summary

		Alarm	Setting				Alar		
No.	Alarm Name	Enabled	Туре	Tamper	Zone			Switch	D
1	ALARM 1	Yes	NO	None 👻	Fire Zone	1234	1234	34	1
2	ALARM 2	Yes	NO	None	Entry/Exit Z		1234		
3	ALARM 3	No	NO	DEOL	Normal	2222	0000	12202	
4	ALARM 4	No	NO	None	Normal				

Fig 8.1.30

		Alam	11			- 4		
No.	Alam Nane	Enabled	Туре	Tampes	Zore		Res	Switch
1	ALARM 1	Yes	NO	DEOL	Normal ·	12++	1234	++3+
2	ALARM 2	Yes	NO	None	Normal		1234	10000
3	ALARM 3	Yes	NC	None	Entry/Exit Zone	1.3.	1234	
4	ALARM 4	Yes	NO	SEOL	Normal		1234	

Fig 8.1.3p

Step 1: On the {Alarm Setting Summary} panel, user can click the boxes under [Enabled], [Type], [Tamper], [Zone] or those actions, in the summary to change the alarm enable, alarm type, tamper type, zone type and other action options for the alarm event as shown on Fig 8.1.3m ~ Fig 8.1.3p.

OR

PAGE 118

Alarm Setting Summary

ALARM 2

ALARM 3

ALARM 4

Alarm Cotting Cummany

2

3

4

		Alam	n Setting						
No.	Alarm Name	Enabled	Туре	Tamper	Zone		Rec		B
1	ALARM 1	Y	nable All	ne	Fire Zone	1234	1234	34	
2	ALARM 2	Yes	isable All	ne	Entry/Exit Z	2225	1234	0000000	
3	ALARM 3	Yes	NO	None	Normal	362.93	3444	(4444)	
4	ALARM 4	Yes	NO	None	Normal	0.000	Langele	000000	

Fig 8.1.3q

Alar	m Settin	g Sumr	nary				
		Alarm	Setting	R			
No.	Alarm Name	Enabled	Тур	NO All	Zone	Live	Rec
1	ALARM 1	Yes	NU	NC All	Fire Zone	1234	1234

None

None

None

NO

NO

NO

Yes

No

No

Fig 8.1.3r

Entry/Exit Z...

Normal

Normal

Alaı	m Settin	g Sumi	mary						
		Alarm	n Setting		ų			. 3	Ala
No.	Alarm Name	Enabled	Туре	Tampe		Live	Rec	Switch	
1	ALARM 1	Yes	NO	SEUL	SEOL AIL	1234	1234	34	
2	ALARM 2	Yes	NO	SEOL	DEOL All	200	1234	(2222)	
3	ALARM 3	No	NO	SEOL	Normal	****			
4	ALARM 4	No	NO	SEOL	Normal	1532		(5.5.5.5)	

Fig 8.1.3s

		Alarm	Setting	1					Alar
No.	Alarm Name	Enabled	Туре	Tamper	Zone	Normal All	- 1	Switch	E
1	ALARM 1	Yes	NO	None	Entry/Exit Z.	Fire Zone Al		34	
2	ALARM 2	Yes	NO	None	Entry/Exit Z.	Entry/Exit Z	one All	10701	1
3	ALARM 3	No	NO	None	Entry/Exit Z				
4	ALARM 4	No	NO	None	Entry/Exit Z	0.00			



Fig 8.1.3u

Step 2 : Press [Apply] button on {Transmitter Setup} panel to save the setting to the transmitter.

Or, user can click the [Enabled], [Type], [Tamper] or [Zone] to choose all alarm for the same alarm setting as shown on Fig 8.1.3q ~ Fig 8.1.3t.

Step 1 :

..34

....

1234

.....

.....

8.1.4 Motion

Motion

Motion detection can be triggered when motion occurs on the camera. Motion detection has different sensitivity levels. For motion event on each video input channel, it depends on the motion of selected area. User should setup the motion areas and sensitivity. Motion detection has generally 4 options : **high**, **middle**, **low** and **custom**. Custom option allows user to select the sensitivity level and area by himself/herself.

Motion Detection Example

If motion detection is enabled, object movement is captured by the camera as shown below. **Fig 8.1.4a** shows motion detection. The normal display area is the selected motion detection area. The blue area cannot detect any motion. Motion block is activated when there is any movement on the camera.



Fig 8.1.4a

Motion Block

Sensitivity

• Level

The level definition of motion detection is due to the luminance level difference between current and reference field. The level has 10 levels, H is the most sensitive and L is the least sensitive.

• Area

In motion detection, **one** selected motion block is divided into **four** sub-blocks as **Fig 8.1.4b**. The definition of area is how many sub-blocks have detected motion in order to trigger a motion event. The range of area option is 25% (1 block) to 100% (4 blocks). More blocks are selected, the motion trigger sensitivity decrease.



Fig 8.1.4b

Motion Setup Procedure :

Step 1 : In {Transmitter Setup} panel, click [Event] \rightarrow [Motion] \rightarrow [Cam (No.)] option to pop up {Motion

Setting} panel as Fig 8.1.4c.

Transmitter's Name FDK304 19 129 Video Input	Motion Settings - CAM 1		
Le Connection Date/Time HDD Management	Enabled Action Motion Setting		
Oser setting Recording Switches Event	Scheduled Motion Recording		
Alarm Adarm A			
- ∯ Cam 3 ∯ Cam 4 ⊕ ™ VideoLoss ⊕ Disk UsageLevel			
Reload Import Exp	ant [Apply	Close

Action..

🗹 Enabled

Fig 8.1.4c

PAGE 121



Sensitivity

Medium
 Low

O Custom

Fig 8.1.4f

⊖ High

- Step 2 : Click **[Enabled]** checkbox to enable the motion detection function for the camera.
- Step 3 : Click [Motion Setting] to open {Motion Setting} pop up windows.

Click **[Select]** to select the required motion blocks. Click **[Deselect]** to delete the selected motion blocks. **[Select All]** is to select all motion block on the screen. **[Deselect All]** is to delete all motion blocks on the screen.





Step 6 : After setting all camera for motion, user can view the alarm setting summary in {Transmitter Setup} panel by clicking [Event] → [Motion] option to pop up {Motion Setting Summary} panel as Fig 8.1.4h

		Setting		Motion Action				
No.	Camera Name	Enabled	Level	Live	Rec	Switch	Dial-back	
1	CAM 1	Yes	High		1234		Yes	
2	CAM 2	Yes	Medium		1000000	12222	No	
3	CAM 3	Yes	Low	10000	122250	12222	No	
4	CAM 4	Yes	Custom				No	
C	0							
<	0						Camera Setting	18
<	0					Арр	Camera Setting	s

		, The second sec
Apply	Close	
Fig	8.1.3i	-

Step 8 : Press [Apply] button on {Transmitter Setup} panel to save the setting to the transmitter.

Setup through Motion Setting Summary Procedure :

User can use {Motion Setting Summary} panel as a quick way to do the alarm settings.

OR

Motion Setting	Summary
----------------	---------

	Motion Setting						Motion Action	
No.	Camera Name	Enabled	Level	Live		Switch	. Dial-back	
1	CAM 1	Yes 👻	Medium	12.55	1000		Yes	
2	CAM 2	Yes	edium	53.53	100456	25533	No	35.3
3	CAM 3	No	Medium	25.22	12940	399575	No	122
4	CAM 4	No	Medium	52.53			No	25.5



Motion Setting							Motion Action	
No.	Camera Name	Enabled	Level	Live	Rec	Switch	Dial-back	PT2
1	CAM 1	Yes	High 👻	1011	1234		Yes	1999
2	CAM 2	Yes	High		(****)		No	
3	CAM 3	Yes	Low	0.655	(10.0.0.0)	0.000	No	82.03
4	CAM 4	Yes	Custom	6223	303.047	0.023	No	1222



	Motion !	Setting					Motion Action	
No.	Camera Name	Enabled	Level	Live		Switch	Dial-back	
1	CAM 1	Yes	Enable All		(22.22)		Yes	222
2	CAM 2	Yes	Mediam		1272290	2255	No	1927
3	CAM 3	Yes	Medium	(2000)	(****(*))	2022	No	223
4	CAM 4	Yes	Medium			2020	No	



Mot	ion Setting	Summa	ary					
	Motion				Mation Action			
No.	Camera Name	Enabled	Level	Live	Rec	Switch	Dial-back	PTz
1	CAM 1	Yes	Low	High All Madium All	1.10	10.00	Yes	
2	CAM 2	No	Low	Low All		5555	No	200
3	CAM 3	No	Low	Custom All		65728	No	(44)
4	CAM 4	No	Low				No	



Fig 8.1.4n

Step 1 :	On the {Motion Setting
	Summary} panel, user can
	click the boxes under
	[Enabled], [Level] or those
	actions, in the summary to
	change the motion enable,
	sensitivity level, or other
	action options for the motion
	event as shown on Fig 8.1.3j
	and Fig 8.1.3k .

Step 1 :	Or, user	can	click	the
	[Enabled]	or	[Level]	to
	choose all	came	ras for	the
	same motion	n settir	ngs as sh	own
	on Fig 8.1.3	and l	Fig 8.1.3	m.

Step 2 : Press [Apply] button on {Transmitter Setup} panel to save the setting to the transmitter.

8.1.5 Video Loss

Video Loss

Video loss can be triggered when the video channel input disappears. It will happen if the transmitter receives no signal from the camera. The live camera displays a blue picture for video loss condition.

Video Loss Setup Procedure :

Step 1 : In {Transmitter Setup} panel, click [Event] → [Video Loss] → [Cam (No.)] option to pop up {Video

🚰 Transmitter Setup				<u>- 0 ×</u>
Transmitter's Name RX304	Video Loss Setti Enabled Action	ngs - CAM 1		
Reload Import Export				Apply Close
	Fig	g 8.1.5a		
		\Box		
Video Loss Settin	gs - CAM 1	S	tep 2 :	Click [Enabled] check
Enabled Action				enable the video loss fu

Loss Setting} panel as Fig 8.1.5a.

	*	
Video Loss Settings - CAM 1	Step 2 :	Click [Enabled] checkbox to
Enabled Action		enable the video loss function
Fig 8.1.5b		for the camera.
\Box		

Step 3 : After setting video loss function for all cameras, user can view the video loss setting summary in {Transmitter Setup} panel by clicking [Event] → [Video Loss] option to pop up {Video Loss Setting Summary} panel as Fig 8.1.5c





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٢	Apply	Close

Fig 8.1.3d

Step 8 : Press [Apply] button on {Transmitter Setup} panel to save the setting to the transmitter.

Setup through Video Loss Setting Summary Procedure :

User can use {Video Loss Setting Summary} panel as a quick way to do the alarm settings.

	Video Loss Set	ing			Video Loss Act	981)	- 12
No.	Camera Name	Enabled	Live	Rec	Distoad	.e12	Ever
1	CAM 1	Yes		(1000)	 No	1.4444	Y
2	CAM 2	Yes			 No	****	Y
з	CAM 3	No			 No	****	3
4	CAM 4	Yes -		100001	 No	1.44444	Y

Fig 8.1.5e

OR

Step

	Video Loss Sett	ing						
No.	Camera Name	Enabled	Lines I	Rec		Dial-back		Ever
	CAM 1	Yes	Enable All Disable All			No	2000	Y
2	CAM 2	Yes			(0.5.5.5)	No	1000	Y
3	CAM 3	Yes	99729	12222	1122.22	No		Y
4	CAM 4	Yes	87478		(internet)	No		Y



Fig 8.1.5g

1:	On the {Video Loss Setting
	Summary} panel, user can
	click the boxes under
	[Enabled] or other actions in
	the summary to change the
	options for the video loss
	event as shown on Fig 8.1.5e.

Step 1 : Or, user can click [Enabled] box to enable or disable video loss event for all cameras as shown on Fig 8.1.5f.

Step 2 : Press [Apply] button on {Transmitter Setup} panel to save the setting to the transmitter.

8.1.6 System Tamper

System Tamper Input

It is an input to the transmitter for wiring a tamper switch of the external cabinet outside the transmitter and its accessories. The purpose of system tamper event is to prevent someone to break into the cabinet and destroy the transmitter.

Sensor Type

The system tamper input circuit type is **normal close (NC)**. The state of the circuit is **close**, it indicates **normal** of *Tele***Eye RX**. Otherwise, the state of the circuit is **open**, it indicates **system tamper** of *Tele***Eye RX**. The system tamper input circuit type is **normal open (NO)**. The state of the circuit is **open**, it indicates **normal** of *Tele***Eye RX**. Otherwise, the state of the circuit is **open**, it indicates **normal** of *Tele***Eye RX**. Otherwise, the state of the state of the circuit is **open**, it indicates **normal** of *Tele***Eye RX**. Otherwise, the state of the circuit is **close**, it indicates **system tamper** of *Tele***Eye RX**.

System Tamper Setup Procedure :

Step 1 : In {Transmitter Setup} panel, click [Event] → [System Tamper Input] option to pop up {System
Tamper Input Setting} panel as Fig 8.1.6a

Transmitter Setup	
Transmitter's Name:RX304	System Tamper Input Settings
Reload Import Expo	nt Apply Close



PAGE 128

	Į.	
System Tamper Input Settings	Step 2 :	Click [Enabled] checkbox to
Enabled Action		enable system tamper input.
Fig 8.16b		
Туре	Step 3 :	Click [Open] or [Close] for
Normal Open (NO)		sensor type option.
O Normal Close (NC)		
Fig 8.16c		
	Step 4 :	Press [Apply] button on
Apply Close		{Transmitter Setup} panel to
Fig 8.1.6d		save the setting to the

transmitter.

8.1.7 Power Failure

Power Failure Input

It is an input to the transmitter typically used for wiring the output signal pin from UPS.

Sensor Type

The power failure input circuit type is **normal close (NC)**. The state of the circuit is **close**, it indicates **normal** of *Tele***Eye RX**. Otherwise, the state of the circuit is **open**, it indicates **power failure** of *Tele***Eye RX**. The power failure input circuit type is **normal open (NO)**. The state of the circuit is **open**, it indicates **normal** of *Tele***Eye RX**. Otherwise, the state of the circuit is **open**, it indicates **normal** of *Tele***Eye RX**. Otherwise, the state of the circuit is **open**, it indicates **normal** of *Tele***Eye RX**.

Power Failure Setup Procedure :

Step 1 : In {Transmitter Setup} panel, click [Event] → [Power Failure Input] option to pop up {Power Failure Input Setting} panel as Fig 8.1.7a

Iransmitter Setup			-0>
Transmitter's Name:BX304	Power Failure Input Settings ✓ Enabled Action General Settings ✓ Type Normal Open (NO) Normal Close (NC) 		
Reload Import Export		Apply	Close

Fig 8.1.7a

PAGE 130

	Ţ	
Power Failure Input Settings Image: Enabled Action	Step 2 :	Click [Enabled] checkbox to enable power failure input.
Fig 8.17b		
Type Normal Open (NO) Normal Close (NC)	Step 3 :	Click [Open] or [Close] for sensor type option.
Fig 8.17c		
Apply Close	Step 4 :	Press [Apply] button on {Transmitter Setup} panel to
Fig 8.1.7d		save the setting to the

transmitter.

8.2 Action

TeleEye RX supports 8 actions which can be activated by any events

- 1. Live Camera
- 2. Recording
- 3. Switch
- 4. Dial back
- **5.** PTZ
- 6. Event LED
- 7. Buzzer
- 8. Spot Alarm

User can set an event to activate its associate action. Fig 8.2a shows the event action summary

for all events

Action Setting Procedure :

Step 1 : In {Transmitter Setup} panel, click [Event] → Any event → [Action] option to pop up {(Event) Action}

panel as shown on Fig 8.2a.

1 pt7	Live	Recording	Switch	Dial Back	E-mail	SMS	PTZ	Event LED	Buzzer	Spot Alarr
Connection										
Date/Time	E	Enable Associ	ating Live	Cameras						
RX-SE										
HDD Management	Ass	sociate Live L	amera							
User setting		CAM 1		CAM 2		CAN	13	CAM 4	1	
Recording		CAM 5		CAM 6		CAN	17	CAM 8	8	
Event		CAM 9		CAM 10		CAN	111	CAM 1	2	
🔨 Alarm 📃				Tourse						
🗐 🔔 Sensor 1		CAM 13		_ LAM 14		L CAN	115	LAM	6	
→ Action					Se	elect All		Select None		
A Sensor 3										
🙆 Sensor 5										
🥠 Sensor 6										
Q Sensor 7										
Sensor 8										
Concerto										
Sensor 11										
J Sensor II										
Sensor 12										
Sensor 12 Sensor 13										
Sensor 12 Sensor 13										
(1) Sensor 12 (2) Sensor 13 (2) Sensor 14 (2) Sensor 15										

Action

Fig 8.2a

OR

Step 1 : In {Transmitter Setup} panel, click [Event] → Any event option to pop up any event setting panel. Click

[Action] button near [Enabled] checkbox to pop up {(Event) Action} panel as shown on Fig 8.2b.

ransmitter serup		
Transmitter's Name:R×304 Video Input Connection Date/Time HDD Management User setting Switches Event Aiam Sensor 1 Sensor 2 Sensor 3 Sensor 4 Sensensor 4 Sensensor 4 Sensen	Sensor 1 Settings	Y 10 sec ▼ Exit Delay: 10 sec ▼
Reload Import Export	1	Apply Close

Fig 8.2b

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Step 2 : User can select the action setting for that event as shown on Fig 8.2c.

AL DT7	Live	Recording	Switch	Dial Back	E-mail	SMS	PTZ	Event LED	Buzzer	Spot Alarm
Connection								94) - S		1.
Date/Time	E	nable Associ	ating Live	Cameras						
RX-SE										
HDD Management	Ass	ociate Live L	amera							
User setting		CAM 1		CAM 2		CAM	13	CAM	4	
Becording		CAM 5		CAM 6		CAN	17	CAM		
Event		CAM 9		CAM 10		CAN	111	CAM.	12	
Alarm				Territoria de la composición de la composicinde la composición de la composición de la composición de		- Arrest	6 6 6 6 2022			
🚊 🛕 Sensor 1		CAM 13		LAM 14		L'UQM	115	LAM	16	
					-					
- 🔔 Sensor 2					Se	elect All		Select Non		
🥥 🥥 Sensor 3									-	
Sensor 4										
Sensor 5										
Sensor 7										
Sensor 8										
A Sensor 9										
- 🕂 Sensor 10 📃										
- 🔬 Sensor 11										
- 🙆 Sensor 12										
🦳 🦲 Sensor 13										
Sensor 13 Sensor 14										
Sensor 13 Sensor 14 Sensor 15										



8.2.1 Live Camera

Live Camera

Event associate live camera display real time live video of pre-selected camera if an event triggers, so operator can immediately know what happen from the site. Live camera action can only display live video one time before user clears the event.

Live Camera Setup Procedure :

Step 1 : In {(Event) Action} panel, click [Live] option to set live camera setting as Fig 8.2.1a.

Sensor 1 Alarm Action		
Live Recording Switch Dial Back	PTZ Event LED Buzzer	
Enable Associating Live Cameras		
Associate Live Camera		
CAM 1 CAM 2	CAM 3 CAM 4	
САМ 5 САМ 6	CAM 7 CAM 8	
CAM 9 CAM 10	CAM 11 CAM 12	
CAM 13 CAM 14	CAM 15 CAM 16	
	Select All Select None	
	Anala (
	Арру	1056
	Fig 8.2.1a	
	\Box	
ssociating Live Cameras	Step 2 :	Click [Enable Associate Live
`ig 8.2.1b		Cameras] checkbox to enable
		the live camera for that event.

		CAM 3		Step 3 :
		CAM 7		
			CAM 12	
CAM 13	CAM 14	CAM 15	CAM 16	
		Select All	Select None	
		0.0.1		
	Fig	8.2.1c		
		ļ.		
		Į.		
				Step 4 :
	Apply	Close		Step 4 :

Click the checkbox for the camera to select which camera for the live camera action. [Select All] option is for selecting all cameras. [Select None] option is for selecting no camera. However, user needs to select at least one camera for the action.

• 4 : Press [Apply] button on {Transmitter Setup} panel to save the setting to the transmitter.

8.2.2 Recording

Recording

If an event triggers, recording can record the video content at user selected camera with selected recording mode.

Pre-Alarm Recording

Pre-alarm recording allows to record video before an event trigger. The period of pre-alarm recording is at least 1 minute (not more than 2 minutes) before the event trigger. User can find that there is at least 1 minute more video content on **{Search Playback Log}** panel before event trigger.

Duration After Event Clear

After event resets, the recording action will stop after this duration time.

Recording Mode

Event recording provides 2 recording modes, **1 frame per second (1 FPS)** and **continuous mode**. In 1 FPS mode, the recording frame rate is less, so the storage size is small. In continuous mode, the recording frame rate depends on the number of recording camera and more than 1 FPS, so the storage size is larger.

Disk Mode

Cyclic disk mode can **erase the oldest recording data** in hard disk if the hard disk is full, and continue to record video. Fix disk mode need to **stop all recording** if hard disk is full.

Quality

This is the quality of the recorded video. The quality is divided into 5 levels (in ascending quality order) : low, fair, medium, good and excellent.

Resolution

This is the display resolution for the recorded video. **Full** is the resolution suitable for full size display. **Quad** is the resolution suitable for quarter size display. During playback, quad resolution video may have several noise in full size display mode.

Recording

Recording Setup Procedure :

Step 1 : In {(Event) Action} panel, click [Recording] option to set recording setting as Fig 8.2.2a.

e Recording	Switch Dial Back P1	IZ Event LED B	uzzer	
🗹 Enable Record	ng			
Recording Camera	1			
CAM 1	CAM 2	CAM 3	CAM 4	
CAM 5	CAM 6	CAM 7	CAM 8	
CAM 9	LAM TU	Lam 11	LAM 12	
LILAM 13	LAM 14	LILAM 15	LAM 16	
		Select All	Select None	
Recording Mode	Recording Exte	ntion		
O 1fps				
0.000	On event clea	ared, stop recording aft	er Osec 💌	
 Continuous 				
		B	ecording Settings	





Fig 8.2.2c

- Step 2 : Click **[Enable Recording]** checkbox to enable recording for that event.
- Step 3 : Click the checkbox for the camera to select which camera for the recording action.
 [Select All] option is for selecting all cameras. [Select None] option is for selecting no camera. However, user needs to select at least one camera for the action.

PAGE 137



The options in {**Recording Settings**} panel are **global settings** that means these settings apply to all event and manual recording actions. User may need to do this setting once.

-	Hecording Mode	(For Manual Reco	rding Unly)	
 Cyclic 	 Continuous 	O 2fps	O 4fps	
○ Fixed	O 1fps	O 3fps	◯ 5fps	
Recording Quality & Res	olution			
Quality: Low		Excellent		
Image Size: FU	LL	~		

Recording

PAGE 138

transmitter.

Fig 8.2.2	5	
\Box		
Disk Mode Cyclic Fixed Fig 8.2.2h	Step 7 :	Click [Cyclic] or [Fixed] option for disk mode.
Recording Quality & Resolution Quality: Low FULL Image Size: FULL QUAD FULL Fig 8.2.2i	Step 8 :	Move the scroll bar to adjust [Quality]. Click [FULL] or [QUAD] option for image size. Press [OK] button to exit the panel.
Apply Close Fig 8.2.2j	Step 9 :	Press [Apply] button on {Transmitter Setup} panel to save the setting to the

Recording
8.2.3 Switch

Switch allows transmitter to control 4 external relays which are defined by user.

Switch Type

Switch has 2 types. They are **latching** or **push-button** type. In **latching** type, the switch turns on for a period of time. In **push-button** type, the switch turns on and off after 1 second.

Latching Duration

The latch duration period is the time for turning on the switch.

Action Delay

The delay is the period of time after turning off the switch before next turning on.

Latching Duration and Action Delay Example

switch is shown on the right.

For latch type switch, set latch duration 10sec and action delay 10sec. If an event trigger, the timing of the switch is shown on the right.



For push-button type switch, set latch duration 10sec and On action delay 10sec. If an event trigger, the timing of the



Fig 8.2.3b

Switch Setup Procedure :

Step 1 : In {(Event) Action} panel, click [Switch] option to set switch setting as Fig 8.2.3c.

Enable Switch Control		
Switch Control		
Enable Switch 1	Enable Switch 2	
Type: Latching	Type: Latching	
Enable Switch 3	Enable Switch 4	
Type: Latching	Type: Latching	
Action Delay:	20 sec (The period for Switches to be turned on again when events are re-triggered)	
Latch Duration:	0 sec (Only applied for latch switch)	
	Suitches Settings	

Fig 8.2.3c



panel as Fig 8.2.3g.

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The options in **{Switch Settings}** panel are **global settings** that means these settings apply to all switch actions. User may need to do this setting once.

Switch 1		Switch 2
Name:	SWITCH 1	Name: SWITCH 2
O Pus	h Button	Push Button
💿 Lat	shing	O Latching
Switch 3		Switch 4
Name:	SWITCH 3	Name: SWITCH 4
O Pus	h Button	Push Button
💿 Late	shing	OLatching
Event	Action Delay: 20 sec 💌	(The period for Switches to be turned on again when event is re-triggered)
Event	atch Duration: 10 sec 💌	(Only applied for latch switch)

Fig 8.2.3g





Fig 8.2.3k

Step 8 : Press [Apply] button on {Transmitter Setup} panel to save the setting to the transmitter.

8.2.4 Dial Back

Dial Back

Dial back allows the transmitter to connect to **one** remote PC and displays live video if an event triggers. Therefore, remote operator can recognize what situation is at the surveillance area.

Retry Duration

The retry duration is the period between each dial back retrial (in second).

Retry Count

The retry count is the number of dial back retrial if dial back fails.

Dial Back Setup Procedure :

Step 1 : In {(Event) Action} panel, click [Dial Back] option to set dial back setting as Fig 8.2.4a.

nsor 1 Alar		uppt I ED Russor)	
	Switch Dialback F12 E	veni LED Buzzei		
	ack			
Dial Back Inform	nation			
IP <u>1</u> :	192.168.11.1	Port	2048	
IP <u>2</u> :	210.168.102.134	Port:	2049	
IP <u>3</u> :	211.111.68.4	Port	1060	
IP <u>4</u> :	210.17.139.145	Port	2053	
		Dia	Back Settings	
				1
			(Applu)	Class
			Apply	Close

Fig 8.2.4a

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Enable Dial Back	Step 2 :	Click [Enable Dial Back]
Fig 8.2.4b		checkbox to enable dial back
_		for that event.
\downarrow		
Dial Back Settings	Step 3 :	Click [Dial Back Settings]
Fig 8.2.4b		button to pop up {Dial-back
		Entry} panel as Fig 8.2.4c.



The options in {**Dial-back Entry**} panel are **global settings** that means these settings apply to all dial back actions. User may need to do this setting once.

Dial-back Entry				
Event Dial-back Entry				
IP <u>1</u> :	21017.139.145	Port: 2	053	
IP <u>2</u> :	192.168.111	Port: 2	048	
IP <u>3</u> :	207.198.103.24_	Port: 2	049	
IP <u>4</u> :	202.189.178.56_	Port: 1	0000	
Reconnect Duration:	7 🗘 sec			
Retry <u>C</u> ount:	6			
		ок (Cancel	
	Fig 8.2.4c			
	\Box			
21017.139.145	Port: 2053	Step 4 :	Enter the dial	back IP address
Fig 8.2.4d			and the port nu	umber of the PC.

Since dial back allows the transmitter to connect to **one** remote PC only, the transmitter will try to connect to the 1st IP entry, then 2nd entry, etc. The PC with 1st dial back IP entry has the **highest** dial back priority.

PAGE 145

Reconnect Duration: 7 sec	Step 5 :	Select [Reconnect Duration]
Fig 8.2.4e		for choosing the time of dial
\Box		back retry duration.
Retry Count: 6	Step 6 :	Select [Retry Count] for
Fig 8.2.4f		choosing the number of dial
		back fail retry. Press [OK]
		button to exit the panel.
	Step 7 :	Press [Apply] button on
Apply Close		{Transmitter Setup} panel to
Fig 8.2.4g		save the setting to the
		transmitter. Press [Close] to
		exit the panel and go back to
		the main panel.
	\square	

Step 8 : Click [Alarm Standby] from on the main panel as shown on Fig 8.2.4h.



PAGE 146

ir Alarm		
Password:	1	
	ОК	Cancel

Step 9 : Enter the alarm password. The default alarm password is **000000**

Standby Device		
Select Standby Device		
TCP/IP LAN		•
	ОК	Cancel

Fig 8.2.4j

J

Step 10 :	{Standby Device} panel pop
	up. Press the icon 🗾 to
	select the connection type for
	dial back. Press the icon
	to enter {Connection Speed}
	panel.

Bit <u>R</u> ate	200
0 1200	0 19200
2400	38400
0 4800	O 57600
0 9600	◯ 115200
TCP / IP	
IP Address:	210.17.139.145
Port Number:	2053

Fig 8.2.4k

Step 11 : Select bit rate, port number for the connection. The port number should be as same as the port number set in step 4. Press [OK] icon to exit and save the settings

8.2.5 Pan Tilt Zoom (PTZ)

PTZ Camera

PTZ camera action allows the pan tilt zoom camera to go to user preset position for viewing what happen if an event trigger.

PTZ Setup Procedure :

Step 1 : In {(Event) Action} panel, click [PTZ] option to set pan tilt zoom camera setting as Fig 8.2.5a.

Recall Preset PTZ	Camera			
CAM 1	CAM 2	CAM 3	CAM 4	Select All
CAM 5	CAM 6	CAM 7	CAM 8	Select None
CAM 9	CAM 10	CAM 11	CAM 12	
CAM 13	CAM 14	CAM 15	CAM 16	
Preset No.:	1 💌			

Fig 8.2.5a



Click [Enable Preset PTZ] checkbox to enable pan tilt zoom camera for that event.



- Click the checkbox for the camera to select which camera for the PTZ camera action. [Select All] option is for selecting all cameras. [Select None] option is for selecting no camera. However, user needs to select at least one camera for the action.
- Step 4 : Click [**Preset No.**] to select the preset position for the PTZ camera to go to if the event trigger.

Fig 8.2.5d

For the detail of setting the PTZ preset position, please refer to P.125 of Section 9.1: PTZ Settings. It is strong recommended to go through Section 9.1 before do the PTZ action settings.

Apply	Close



Step 5 : Press [Apply] button on {Transmitter Setup} panel to save the setting to the transmitter.

8.2.6 Event LED

Event LED

The event LED is the LED built on the front panel of *Tele*Eye RX transmitter **E**. If an

event trigger, the LED is blinking until the event is clear.

Event LED Setup Procedure :

Step 1 : In {(Event) Action} panel, click [Event LED] option to set event LED setting as Fig 8.2.6a.

Live Be	cording Switch	Dial Back PTZ	Event LED	117261	
Circo Inc	o Transmitter Fuori				
Enabi	e Transmitter Even	LEU			

Fig 8.2.6a



- Step 2 : Click [Enable Transmitter Event LED] checkbox to enable event LED for that event.
- Step 3 : Press [Apply] button on {Transmitter Setup} panel to save the setting to the transmitter.

8.2.7 Buzzer

Buzzer

This buzzer contains inside the *Tele***Eye RX** transmitter. It can produce "Beep" sound in order to draw nearby operator attention about an event trigger.

Duration

Duration is the period for turning on the buzzer.

Action Delay

Action delay is the period after turning off the buzzer turning on.

Buzzer Setup Procedure :

Step 1 : In {(Event) Action} panel, click [Buzzer] option to set buzzer setting as Fig 8.2.7a.

Sensor 1 Alarm Action	
Live Recording Switch Dial Back PTZ Event LED Buzzer	
✓ Enable Buzzer	
Duration 10 sec	
(The duration for siren to be on when events are triggered)	
Action Delay: 10 sec	
(The period for siren to be on again when events are re-triggered)	
Buzzer Settings	
Apply C	lose

Fig 8.2.7a

PAGE 151

	💽 Enable Buzzer		Step 2 :	Click	[Enable	Buzzer]
	Fig 8.2.7b			checkbo	ox to enable	buzzer for
	_			that eve	nt.	
	\bigcirc					
C	Buzzer Settings]	Step 3 :	Click	[Buzzer	Settings]
	Fig 8.2.7c			button	to pop up	Buzzer

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The options in {**Buzzer Settings**} panel are **global settings** that means these settings apply to all buzzer actions. User may need to do this setting once.

🗱 Buzzer Settings	
Buzzer Settings	
Action Duration:	10 sec 💌
Action Delay:	10 sec 💌
0	K Cancel
Fig 8.2	2.7d
Apply	Close
Fig 8.	2.7e

Step 4 :Click [Action Duration] to
select the time for buzzer
action duration. Click [Action
Delay] to select the time for
buzzer action delay. Press
[OK] button to exit the panel.

Settings} panel as Fig 8.2.7d.

Step 5 : Press [Apply] button on {Transmitter Setup} panel to save the setting to the transmitter.

8.2.8 Spot Alarm

Spot Alarm Setup Procedure :

Step 1 : In {(Event) Action} panel, click [Live] option to set live camera setting as Fig 8.2.8a.

:	Sensor 1 Alarm Action		
	Live Recording Switch Dial Back E-mail S	MS PTZ Event LED	Buzzer Spot Alarm
	✓ Enable Spot Alarm		
	Associate Live Camera		
	CAM 1 CAM 2] CAM 3 📃 CAM -	4
			12
	CAM 13 CAM 14	CAM 15	16
		All Colort Nor	
		CAIL SELECTION	
	Fig 8.2	2.8a	
	Ţ		
	🔽 Enable Spot Alarm	Step 2 :	Click [Enable Spot Alarm]
	Fig 8.2.8b	<u>F</u>	· · · · · · · · · · · · · · · · · · ·
			checkbox for that event.
	\downarrow		
Associate Live Ca	amera	Step 3 :	Select the camera(s) for the
САМ Т САМ 5			live comera action. It is
CAM 9	CAM 10 CAM 11 CAM 12		nve camera action. It is
CAM 13			needed to select at least one
	Select All Select None		camera for this action.
	Fig 8.2.8c		
	Apply Close	Step 4 :	Click [Apply] button to save the settings.
	Fig 8.2.8d		

8.2.9 Email Setup :

Step 1 : In {Transmitter Setup} panel, click [Event] → [Alarm] → [sensor (No.)] → [Action] → [E-mail]

option to setup email as Fig 8.29a.

🗱 Transmitter Setup		- 🗆 ×
 Transmitter's Name: TeleEye Video Input Lonnection Date/Time HDD Management User setting Recording Switches Event Alarm Sensor 1 Sensor 2 Sensor 3 Sensor 4 Motion Video Loss Disk Usage Level Arm/Disarm Input System Tamper Input 	Sensor 1 Alarm Action Live Recording Switch Dial Bac E-mail P Z Event LED Buzzer Enable E-mail Notification E-mail Information E E-mail Address 1: terry.lee@TeleEye.com E-mail Address 1: terry.lee@TeleEye.com E E E E-mail Address 2: E E E E E-mail Address 3: E E E E E-mail Address 4: E E E E Sender Email: E E E E	
t⊶ 😵 ûverheat	Action Delay: 10 sec (The period for sending E-mail Max No. of E-mail: 5	
	E-mail Test DNS Settings E-mail Settings	
Reload Import Export	Apply Clos	e



E- <u>m</u> ail Settings
Fig 8.29b

Step 2 : Click [E-mail Settings...]

PAGE 154

E-mail Notification Settings	Step 3 :	Click[Enable Authentication]
Server Information		
SMTP Server: pop.teleeye.com		to enable the authentication.
Enable Authentication		Input the E-mail Address and
Account Name: terryl		1
Password:		the Sender Email.
E-mail Accounts		
E-mail Address 1: [terry.lee@TeleEye.com		
E-mail Address <u>2</u> :		
E-mail Address <u>3</u> :		
E-mail Address <u>4</u> :		
Sender Email: Hello@TeleEye.com		
Settings		
Action Duration: 10 sec 💌		
Max No. of E-mail: 5		
Apply and Test OK Cancel		
Fig 8.2.9c		
ΟΚ	Step 4 :	Click [OK] button to save the
	1	
Fig 8.2.9d		setting of the e-mail

8.2.10 SMS Setup :

Step 1 : In {(Event) Action} panel, click [SMS] option to set SMS setting as Fig 8.2.5a.

Phone:	886555988888	
Action Delay:	30 min	
Max Number Of SMS:	10	

Step 2 : Click [Enable SMS] button to enable SMS

Step 3 : Press [SMS Settings...] to open {SMS Settings} panel

😽 SMS Settings		
SMS Information		
Phone:	888555888888	
Action Delay:	30 min 💌	
Max Number Of SMS:	10 💌	
	ОК	Cancel

Step 4: Enter the information in the provided fields and click **[OK]** button to apply the settings.

Step 5 (Optional): Click [SMS Test...] to perform SMS testing.

8.2.11 Dialback Test:

Step 1 : In {Transmitter Setup} panel, click [Event] → [Alarm] → [sensor (No.)] → [Action] → [Dial Back] option to setup email as Fig 8.211a.

🗱 Transmitter Setup		
Transmitter's Name:RX304	Sensor 1 Alarm Action Live Recording Swith Dial Back E-mail PTZ Eve I Enable Dial Back Dialback Information	nt LED Buzzer
🕼 User setting	Entry Device [Details
	1 Network 210 17 139 13:2048	
Scheduled Recording	2 Disabled	
Event	2 Disabled	
	S Disabled -	
🚊 🔔 Sensor 1	4 Disabled -	
Sensor 2 Sensor 3 Sensor 4 Sensor 5 Sensor 6 Sensor 7 Sensor 7 Sensor 7 Sensor 9 Sensor 9 Sensor 10 Sensor 11 Sensor 12 Sensor 13 Sensor 14	Dialback Test	Djalback Settings
Reload Import Export		Apply Close



	\Box
Dialback Test	
Fig 8.211b	

Step 2 : Click [Dialback Test...]

PAGE 157

	ormation						
Dialback IP/Phone 1	[Netw	vork] 210.17.139.13:20	48				
Dialback IP/Phone 2	Disab	led					
Dialback IP/Phone 3	Disab	led					
Dialback IP/Phone 4	Disab	Disabled					
Cashina Dassulta							
resuring mesuits							
Date/Time		S	Status				

Д

Date/Time	Status
14/10/2006 12:54:	In Progress
14/10/2006 12:54:	Trying next dialback entry
14/10/2006 12:54:	In Progress
14/10/2006 12:54:	Dialback Connected
14/10/2006 12:54:	In Progress

Step 4 : Test result will show in the status.

Fig 8.2.11d

8.3 Event Indication

*Tele***Eye Reception Software WX-30** has user friendly event display interface and accurate event log. User can realize event trigger through different panels on the interface or read the event log.

1. Event Panel



2. Event Status

vent 9	Status							X
No.	Date	Time	Transmitter Name	Event	Source	Status	^	Show event status each time
4	14/3/2006	10:14:01	RX304	Power Failure		Trigger		when event is triggered
3	14/3/2006	10:14:01	RX304	Video Loss	2 (CAM 2)	Trigger		
2	14/3/2006	10:14:01	RX304	Motion	1 (CAM 1)	Reset		
1	14/3/2006	10:14:01	R×304	Arm/Disarm Input	93 5 51	Tamper	~	
<							>	

3. Event Log

motion Detection	Video Loss System 1	amper Ann Disann input ramper Securit	y Switch Famper 1 Gwei Fallo	Connection	
Date	Time	Alarm	Event	Action	~
01/11/2005	14:10:05	1	Triggered		
01/11/2005	14:09:48		Security Switch OFF		
01/11/2005	14:09:48		Disarm System		
31/10/2005	10:54:10		Triggered	Recording	
31/10/2005	10:54:00	4	Tamper	Recording	
31/10/2005	10:54:00		Exit	Recording	
01/11/2005	14:10:05	1	Triggered		
01/11/2005	14:09:48		Security Switch OFF		
01/11/2005	14:09:48	*********	Disarm System	ni.	
31/10/2005	10:54:10		Triggered	Recording	
31/10/2005	10:54:00	4	Tamper	Recording	
31/10/2005	10:54:00		Exit	Recording	
31/10/2005	10:54:00	1	Tamper	Recording Dial Back	
31/10/2005	10:54:00		Arm System		
28/10/2005	17:12:40	1	Reset		
28/10/2005	17:12:30	1	Triggered	Recording Dial Back	~
< []	50 C	2	10 C		>
	1		Deer		
	J		Page	1/1	

Event Indication

8.3.1 Event Panel

Event panel is located at the main panel as shown in **Fig 8.3.1a**. It shows the instantaneous event status to users.

쁆 TeleE	ye Reception	o Software	(Model	No : W	X-30)					
File View	Connections	Recording	Camera	Event	Transmitter	Aux	Patrol	Remote	Audio	Help
Tele www.Tele ***********************************	Eye Eye.com	CAM 1					10:5	9:43		



Event Panel Button Indication Table

Button	Meaning
4	Switch the [Event] panel to alarm mode
*	Switch the [Event] panel to motion mode
*	Switch the [Event] panel to tamper mode
8	Switch the [Event] panel to system mode
	Switch the [Event] panel to video loss mode

Event Panel Icon Indication Table

Event Panel

Icon	Icon Status	Meaning
	Symbol " – "	When the corresponding camera is not installed
0	Symbol "O "	A selected event corresponding to the camera triggering/triggered.
0	Green "O "	A selected event corresponding to the camera triggered and not cleared.
0	Red "O"	A selected event corresponding to the camera is triggering.
	Gray	No Disk Usage event triggered/triggering or this checking is not enabled.
Disk Usage	Green	Disk Usage event is triggered and not cleared.
	Red	Disk Usage event is triggering.
	Gray	No Over Heat event triggered/triggering or this checking is not enabled.
OverHeat	Green	Over Heat event is triggered and not cleared.
	Red	Over Heat event is triggering.
Rower Failure	Gray	No Power Failure event triggered/triggering or this checking is not enabled.
	Green	Power Failure event is triggered and not cleared.
	Red	Power Failure event is triggering.
	Gray	No System Tamper event triggered/triggering or this checking is not enabled.
System Tamper	Green	event is triggered and not cleared.
	Red	event is triggering.
	Gray	No Alarm Tamper event triggered/triggering or this checking is not enabled.
Alarm Tamper	Green	Alarm Tamper event is triggered and not cleared.
	Red	Alarm Tamper event is triggering.

Others Event Panel Icon Indication Table

Colour		Clear event if any event reset (green icon). If an event is trigger, it cannot be
²		cleared.
×	Dimmed	No event clear. It occurs if no event trigger or all events are triggering.
*	Colour	Siren is turned on by event trigger
38K	Dimmed	Siren is turned off if no event trigger or siren timeout.
	Green	The system is armed.
	Red	The system is disarmed.
	Lock On	The security switch is turned on.
	Lock Off	The security switch is turned off.

8.3.2 Event Status

The event status can show the most update event status to user through log format.

Event Status Using Procedure :

Step 1 : Click [Event] → [Event Status] option on the main panel.



Fig 8.3.2a

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Step 2 : {Event Status} panel is shown on Fig 8.3.2b.

Event 9	itatus							S
No.	Date	Time	Transmitter Name	Event	Source	Status	~	Show event status each time
8	13/3/2006	11:48:50	RX304	Motion	1 (CAM 1)	Reset		when event is triggered
7	13/3/2006	11:48:43	RX304	Motion	1 (CAM 1)	Trigger		
6	13/3/2006	11:46:09	RX304	Power Failure	(121)	Trigger		
5	13/3/2006	11:46:09	R×304	Video Loss	2 (CAM 2)	Trigger		
4	13/3/2006	11:46:09	R×304	Video Loss	1 (CAM 1)	Reset		
3	13/3/2006	11:46:09	R×304	Motion	1 (CAM 1)	Reset		
2	13/3/2006	11:46:09	RX304	Alarm	3 (CAM 3)	Tamper		
1	13/3/2006	11:46:09	RX304	Arm/Disarm Input	1920	Tamper	~	
<	0						>	

Fig 8.3.2b

Event Status Column Description :

No.

The number of the event status

Date

Date of the event status

Time

Time of the event status

Transmitter Name

The event triggers at which transmitter.

Event

What kind of event trigger

Source

The alarm sensor number & name or camera number & name of the event

Status

The status of the event. Trigger means the event is triggering. Reset means the event has

been triggered before without clear. Clear means the event has been cleared.

	~
Show event status each time when event is triggered	Step 3 : Click the checkbox to pop up
Fig 8.3.2c	the status when event trigger.
\Box	Default is clicked.
Clear Close	Step 4: User may clear the event
Fig 8.3.2d	status by pressing [Clear]
	button. Press [Close] to close

the event status.

Event Log

8.3.3 Event Log

Event log record the event trigger status with the detail action taken.

Event Log Using Procedure :

Step 1 : Click [Event] → [Transmitter Log] → [Event Log] option on the main panel.



Fig 8.3.3a

and the second sec	- r	the second of the second secon			10000
Date	Time	Alarm	Event	Action	^
14/11/2005	11.28:09		Cleared By User	- 01	
14/11/2005	11:27:52	1	Heset		
14/11/2005	11:27:51		Heset		
14/11/2005	11:27:50	.2	Heset		
14/11/2005	11:27:34	3	Iriggered	Recording Switch Dial Back	
14/11/2005	11:27:29] man concerned	Iriggered	Recording Switch Dial Back	
14/11/2005	11:27:22	-2	Triggered	Recording Switch Dial Back	
14/11/2005	11:26:32	1	Reset		
14/11/2005	11:26:31	.2	Reset		
14/11/2005	11:26:08	1	Triggered	Recording Switch Dial Back	
14/11/2005	11:26:07	1	Exit	Recording	
14/11/2005	11:26:01	-2	Triggered	Recording Switch Dial Back	
14/11/2005	11:25:58		Arm System		
14/11/2005	11:25:30		Disarm System		
14/11/2005	11:24:47		Cleared By User		
14/11/2005	11:24:37	1	Reset		
14/11/2005	11:24:36	-2	Reset		~
				Page 1/11	

Step 2 : {Remote Event Log} panel is shown on Fig 8.3.3b. User can select different event menu.

Fig 8.3.3b

Event Logs Column Description :

Date

It is the date when the event occurs.

Time

It is the time when the event occurs.

Alarm/Motion/Video Loss

It is the alarm sensor number(Alarm Log), or the camera number(Motion and Video Loss

Log)

Event/State/Status

It is the event status, such as trigged, reset, cleared by user.

Action

It is the associate actions taken for the event

Event Log

Connection Log Column Description :

Date

It is the date when the connected or disconnected.

Time

It is the time when the connected or disconnected.

Access Media

It is the connection media between the transmitter and the PC, such as TCP/IP or modem.

Туре

It is the type of connection, either PC connect to the transmitter or the transmitter dial back to PC by event action.

IP

It is the transmitter IP or phone number.

Status

It is the status of connection, either connected or disconnected.

\Box		
Enter page number: 1 🔮 Go Prev Next	Step 3 :	Enter the page number and
Fig 8.3.3c		press [Go] button to go to the
		log page, or press [Next]
		button to go to next log page.
	Step 4 :	User may print out the event
Fig 8.3.3d		log report by using the
		printing function. Press
		[Preview] icon to view
		the remote event log report
		first as shown on Fig 8.3.3e.
\square		

PAGE 167

TeleEy	10000			
www.ToleEye.c	Re.	mote Event L	og Report	- 1
Date		Alam	Event	Action
1//11/2005	16,58,48		Cleared By User	
1//11/2005	16:58:42	3	Heset	D. L. ION LIDUR I
1//11/2005	16/58/37		Inggered	Recording Switch Dial Back
17/11/2005	16,5833	NA DIANAGA KIGANA DIAN	Arm System	
17/11/2005	11:56:58		Security Switch OFF	
17/11/2005	11:56:57	•••••	Security Switch ON	
17/11/2005	11:56:54		Security Switch OFF	
17/11/2005	11:56:52		Security Switch ON	
17/11/2005	11:56:35		Cleared By User	
17/11/2005	11:56:25	.2	Reset	
17/11/2005	11:56:20	.2	Triggered	Recording Switch Dial Back
17/11/2005	11:25:58		Disarm System	
17/11/2005	11:25:56		Security Switch OFF	
17/11/2005	11:25:52	1	Reset	
17/11/2005	11:2551	1	Triggered	Recording Switch Dial Back
			Converte Culter ON	
17/11/2005	11:2550		Security Switch UN	

Fig 8.3.3e

Л

Cancel

Fig 8.3.3e

Step 5 : Press [Cancel] button to exit

{Remote Event Log} panel.

8.3.4 Siren

The siren can produce a "**Don**" sound in order to let user know an event trigger. User can set duration time for turning on the siren if event trigger.

Siren Duration Setup Procedure :

Step 1 : Click [Event] → [Alarm] → [Option] option on the main panel to pop up {Alarm Option} panel.



Fig 8.3.4b

8.3.5 Clear Event

After an event reset, user can clear the event icon at the event panel. User needs to enter the alarm password in order to clear the event icon at the event panel.

Change Alarm Password Procedure :

Step 1 : Click [Event] → [Alarm] → [Alarm Password] option on the main panel.



Fig 8.3.5b

Default alarm password is **000000**. Alarm password is saved in your PC, not *Tele*Eye **RX** transmitter, so user can set different alarm password at different PC.

Clear Event Icon Procedure :

- Step 1 : Click [Clear Event]
- 23

icon on the main panel.







Fig 8.3.5d

Step 2 : Enter the alarm password. Press [OK] button to clear the event icon.

Section 9 Pan Tilt Zoom

9.1 PTZ Settings

*Tele***Eye RX** transmitter can control pan tilt zoom camera for remote monitoring. The pan tilt zoom camera action can be activated by event triggered or manual control.

Pan Speed

The horizontal movement speed of the PTZ camera

Tilt Speed

The vertical movement speed of the PTZ camera

Pan Duration

The horizontal movement duration after pressing a [Left] or [Right] button

Tilt Duration

The vertical movement duration after pressing a **[Up]** or **[Down]** button

Zoom Duration

The zoom in or out duration after pressing a [Zoom Tele] or [Zoom Wide] button

Iris Duration

The open or close of iris duration after pressing a [Open Iris] or [Close Iris] button

Focus Duration

The focus duration after pressing a [Focus Near] or [Focus Far] button

Additional Duration

Some additional camera functions duration

Washer Duration

The action time taken for the washer of the PTZ camera

PTZ Settings

Wiper Duration

The action time taken for the wiper of the PTZ camera

Patrol Speed

The movement speed for one position to another position of the PTZ camera

Patrol Dwell Time

The time for the PTZ camera to stay at one position

Due to different PTZ camera supports different driver operation, some PTZ camera settings may be **dimmed**. If there is any problem, please refer to the manual of the PTZ camera to read if the PTZ have that function or not.

PTZ Setting Procedure :

Step 1 : Click [Transmitter Settings] icon on the main panel and input the administrator password to pop up {Transmitter Settings} panel as shown on Fig 9.1a. Choose [Video Input]→[PTZ] option to do the

🗱 Transmitter Setup				
Transmitter's Name: TeleEye ✓ Video Input	PTZ PTZ Name: Code:	TeleEye DM2 Serie	s (Ver 1.3)	
	Cam 1 Cam 2 Cam 3 Cam 4 Cam 5 Cam 6 Cam 7 Cam 8	PTZ ID	PTZ ID Cam 9 9 Cam 10 10 Cam 11 11 Cam 12 12 Cam 13 13 Cam 14 14 Cam 15 15 Cam 16 16	
Reload Import Export	rt			Apply Close

PTZ camera settings.



Normally, the PTZ camera needs to install at the camera number according to its camera ID in order to control it.

For further detail, please take a look on the camera or its manual in order to choose the above settings.

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Step 4 : After clicking [PTZ] checkbox in step 3, user can enter {Pan Tilt Zoom} panel by click [Pan Tilt Zoom]



PTZ Settings

Fig 9.1d

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Step 5 : {Pan Tilt Zoom} panel pop up. User can do other PTZ settings and control the camera through this panel.

🗱 Pan Tilt Zoom: Site		<u>1-</u>	٦×
Camera: Cam1:	PAN SPEED Fast TILT SPEED Fast Focus Near Open Iris Washer Focus Far Close Iris Wiper	Program Preset Recall Patrol Edit Patrol Additional Program 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	





Step 6 : User can select the PTZ driver and which PTZ camera to view. The cameras that can be selected at **[Camera]** option are the cameras selected at the checkbox in step 3.



The PTZ driver option in the panel CANNOT be saved in the transmitter, so it is used for testing or temporally use only.

_							
PAN SPEED		1 I	Fast Fast				
Fig 9.1g							

Ţ

Step 7 : Scroll the **[Pan Speed]** or **[Tilt Speed]** bar to select the pan speed and tilt speed respectively.
PAGE 175

enviro applic	ny the duration of nmental operation able to some car	movement ins, and the mera model:	on every speed a s).	y click of the bu and dwell time of	tton for the f the patrol	telemetry function(d	and only
Telemetry Du	uration			Environmental [Duration -		
	Shorter		onger		Shorter		Longer
Pan:				Washer:	Ì		
Tilt	<u></u>	1.1.1.1	<u>-</u>	Wiper	- <u>5</u>		<u> </u>
Zoom:				Patrol	Claura		Faster
	- <u> </u>		<u>-</u>		slower !		raster
				Speed:	<u>ì</u>		
			- -		Shorter		Longer
Additions	<u> </u>		<u>-</u>	Dwell Time:	<u> </u>		<u> </u>

Fig 9.1h

Press [PTZ Settings] button on {Pan Tilt Zoom} panel to pop up this {Setting} panel to select pan duration, tilt duration, zoom duration, iris duration, focus duration and additional duration by scrolling the bar. Press [OK] to save the settings and exit the panel.

Step 8 :

9.2 PTZ Control

There are several commands to control a PTZ camera manually using TeleEye Reception

Software WX-30.

PTZ Control Procedure:

Step 1 : Click [AUX] → [Pan Tilt Zoom] option or [Pan Tilt Zoom] icon on the main panel to enter



the {Pan Tilt Zoom} panel as shown on Fig 9.2b.

Fig 9.2a

 \Box





{Pan Tilt Zoom} Panel Description :

Pan/Tilt Control Button

It contains **[Up]**, **[Down]**, **[Left]** and **[Right]** arrow icon. **[Up]** and **[Down]** arrow icons (as shown on Fig 9.2c) to tilt the camera up and down respectively and **[Left]** and **[Right]**

arrow icons to pan the camera left and right respectively. To set the camera pan left and right automatically (i.e. auto-pan function), click the auto button and the button will be held down. To cancel the auto-pan function, click button again.



Fig 9.2c

When auto pan is enabled, manual pan will be disabled

Some speed dome cameras do not support the auto-pan function. In this case, the auto-pan function will take no operation when the auto button is pressed.

Zoom Lens Control Button

It contains [Focus Far], [Focus Near], [Open Iris], [Close Iris], [Washer], [Wiper] button (as shown on Fig 9.2d) for adjusting zoom, focus and iris of the camera.

Focus Near	Open Iris	Washer
Focus Far	Close Iris	Wiper

Fig 9.2d

Environmental Control

It contains **[Washer]** and **[Wiper]** buttons (as shown on **Fig 9.2e**). The **[Washer]** and **[Wiper]** buttons switch on the washer and wiper respectively in the remote camera house.

Recall Preset Tab

It contains 16 numeric buttons for 16 preset locations. For each button, user should set the position in the **[Program Preset]** tab. The PTZ camera view moves to the pre-defined preset location when the button is clicked if that button is set in **[Program Preset]**.

Program Preset Tab

It is used to configure the desired direction and lens' settings as the pre-defined position(s).



Fig 9.2e

Recall Patrol Tab

It contains 4 patrol and stop buttons, which are used to activate the patrol tours of the selected PTZ camera model. When the **[Patrol 1,2,3,4]** button is clicked, the camera starts the tour until the patrol operation is cancelled (i.e. **[Stop Patrol]** button is pressed).

Edit Patrol Tab

It contains 16 numeric buttons, which can be used to associate preset points with patrol tour. The **[Add]** and **[Delete]** buttons are used to add or delete preset points in the patrol tour.

Additional Tab

It contains 10 auxiliary buttons, which allow the user to customize the camera operation to meet special requirement. The first 5 buttons (Aux 1 to Aux 5) are momentary buttons, while the rests (Aux 6 to Aux 10) are latch buttons. To add commands to the auxiliary buttons, the alteration of the Command Table is involved. Therefore it is recommended to advance users only.

Program Preset Procedure :



Fig 9.2f

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Step 1: In **{Pan Tilt Zoom}** panel, click **[Program Preset]** tab and click the **[Program]** button to define the camera view position.

PAGE 180

Program Preset	Recall Patrol Edit Patrol Additional
Program	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Fig 9.2g

Recall/Edit Patrol Procedure :



C7 Due to different PTZ camera supports different driver operations, there MAY be no or wrong PTZ operations after pressing some buttons. If there is any problem, please refer to the manual of the PTZ camera.

Use [Pan Tilt Zoom] control Step 2: button to set the PTZ camera to any position. Click any numerical button (1 to 16) to store the preset position.

9.3 PTZ Advance Settings

This part introduces the advance PTZ camera settings. Actually, normal user can omit this part. It is only necessary for advance PTZ camera users.

PTZ Advance Settings Procedure :

Step 1 : Enter {Pan Tilt Zoom} panel by click [Pan Tilt Zoom]

icon on the main panel as shown on

Fig 9.1d. Press [Settings] button on {Pan Tilt Zoom} panel to pop up this {Setting} panel a shown on

Fig 9.1e. Press [Advance] button on {Setting} panel to enter the advance settings on Fig 9.1h. {PTZ

	[A						_
Command operation	Command code to start	Command code to stop	Command time opt	ion (secoi	Command	description	
TILT UP	[255] <camera1>[0][8][0]<til1< td=""><td>[1][255]<camera1>[0][0][0][0]</camera1></td><td>•</td><td></td><td></td><td></td><td></td></til1<></camera1>	[1][255] <camera1>[0][0][0][0]</camera1>	•				
TILT DOWN	[255] <camera1>[0][16][0]<til< td=""><td>_][255]<camera1>[0][0][0][0]</camera1></td><td>1</td><td></td><td></td><td></td><td>_</td></til<></camera1>	_][255] <camera1>[0][0][0][0]</camera1>	1				_
PAN LEFT	[255] <camera1>[0][4]<pansi< td=""><td>P [255]<camera1>[0][0][0][0]</camera1></td><td>ŀ</td><td></td><td></td><td></td><td></td></pansi<></camera1>	P [255] <camera1>[0][0][0][0]</camera1>	ŀ				
PAN RIGHT	[255] <camera1>[0][2]<pansi< td=""><td>P [255]<camera1>[0][0][0][0]</camera1></td><td></td><td></td><td></td><td></td><td></td></pansi<></camera1>	P [255] <camera1>[0][0][0][0]</camera1>					
AUTO PAN	[255] <camera1>[0][2]<pansi< td=""><td>P [255]<camera1>[0][0][0][0]</camera1></td><td>·</td><td></td><td></td><td></td><td></td></pansi<></camera1>	P [255] <camera1>[0][0][0][0]</camera1>	·				
ZOOM WIDE	[255] <camera1>[0][64][0][0]<</camera1>	C [255] <camera1>[0][0][0][0]</camera1>	ŀ				
ZOOM TELE	[255] <camera1>[0][32][0][0]<</camera1>	C [255] <camera1>[0][0][0][0]</camera1>	ŀ				
OCUS NEAR	12551 <cameba1>111010101<c< td=""><td>H (2551H (2551CAME BA1> (0)(0)(0)(0)</td><td>1.</td><td></td><td></td><td></td><td></td></c<></cameba1>	H (2551H (2551CAME BA1> (0)(0)(0)(0)	1.				
Camera ID Speed - Pa	an/Tilt Duration - PTZFI Duration	- Auxiliary Patrol Settings C	ommand Properties				
Camera ID Speed - Pa	an/Tilt Duration - PTZFI Duration Pan Speed Slower 8 16 32 48	Auxiliary Patrol Settings C Tilt Speed Slower 8	ommand Properties				

Fig 9.3a

Π.

Step 2 : Press [Camera ID] tab and enter the value to compute the value of camera ID

Speed - Pan/Tilt	Duration - PTZFI	Duration - Auxiliary	Patrol Settings	Command Properties
	<camera1></camera1>	= 1	+ CAMERA	NUMBER
	<camera2></camera2>	= 2	+ CAMERA	NUMBER
	<camera3></camera3>	= 3	+ CAMERA	NUMBER



For example, The PTZ camera is installed at camera 4 and input value 1.

<CAMERA1> = 1+4-1 = 4 (decimal) = [04] (hexadecimal)

Step 3 : Press [Speed – Pan/Tilt] tab and set the values for the PTZ settings in details. Input the value for the 5 levels of slowest, slow, middle, fast and fastest of the pan or tilt speed. [Duration-PTZFI],

[Duration-Auxiliary] and [Patrol Settings] tabs are in similar way.

Camera ID Speed	Pan/Tilt	Duration - PTZFI	Duration - Auxiliary	Patrol Settings	Command Properties	
		Pan Speed		Tilt Speed		
		Slower	8	Slower	8	
			16		16	
			32		32	
			48		48	
		Faster	63	Faster	63	

Fig 9.3c

Duration Factor : The actual value need to multiply with this duration factor and then send out to the PTZ camera.

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PAGE 183

TeleEye Reception Software WX-30 User Manual

Check	ksum Calculation M	lethod			Send	
<chi< td=""><td>ECKSUM1> =</td><td>SUM</td><td>~</td><td></td><td>Start Command:</td><td>REPEAT 🗸</td></chi<>	ECKSUM1> =	SUM	~		Start Command:	REPEAT 🗸
<checksum2> =</checksum2>	ECKSUM2> =	SUM	*	(Ignore First Byte)		
		SUM				
11		2's COMPLEMENT	OFSUM			

Step 4 : Choose the method to compute the value of <Checksum 1> and <Checksum 2>.



Д

Step 5 : The PTZ commands are listed on this table. Press [New] to add new command. Press [Delete] to delete the command. These PTZ commands will be sent out from the RS485 port on the rear panel of the transmitter in order to control the PTZ camera.

Command code to start	Command code to stop	Command time opti 📩
[255] <camera1>[0][8][0]<tiltspeed><checksum2></checksum2></tiltspeed></camera1>	[255] <camera1>[0][0][0][0]</camera1>	
[255] <camera1>[0][16][0]<tiltspeed><checksum2></checksum2></tiltspeed></camera1>	[255] <camera1>[0][0][0][0]</camera1>	1
.FT [255] <camera1>[0][4]<panspeed>[0]<checksum2> [255]<camer <="" td=""><td></td></camer></checksum2></panspeed></camera1>		
[255] <camera1>[0][2]<panspeed>[0]<checksum2></checksum2></panspeed></camera1>	[255] <camera1>[0][0][0][0]</camera1>	
[255] <camera1>[0][2]<panspeed>[0]<checksum2></checksum2></panspeed></camera1>	[255] <camera1>[0][0][0][0]</camera1>	
[255] <camera1>[0][64][0][0]<checksum2></checksum2></camera1>	[255] <camera1>[0][0][0][0]</camera1>	
[255] <camera1>[0][32][0][0]<checksum2></checksum2></camera1>	[255] <camera1>[0][0][0][0]</camera1>	1
12551cCAMEBA1s111001000cCHECKS11M2s	[255] <came ba1="">[0][0][0][0][0]</came>	>
	[255] <camera1>[0][8][0]<tiltspeed><checksum2> [255]<camera1>[0][16][0]<tiltspeed><checksum2> [255]<camera1>[0][4]<panspeed>[0]<checksum2> [255]<camera1>[0][2]<panspeed>[0]<checksum2> [255]<camera1>[0][2]<panspeed>[0]<checksum2> [255]<camera1>[0][2]<panspeed>[0]<checksum2> [255]<camera1>[0][64][0][0]<checksum2> [255]<camera1>[0][64][0][0]<checksum2> [255]<camera1>[0][32][0][0]<checksum2> [255]<camera1>[0][32][0][0]<checksum2> [255]<camera1>[0][32][0][0]<checksum2></checksum2></camera1></checksum2></camera1></checksum2></camera1></checksum2></camera1></checksum2></camera1></checksum2></panspeed></camera1></checksum2></panspeed></camera1></checksum2></panspeed></camera1></checksum2></panspeed></camera1></checksum2></tiltspeed></camera1></checksum2></tiltspeed></camera1>	[255] CAMERA1>[0][8][0] <tiltspeed><checksum2> [255]<camera1>[0][0][0][0][0][0] [255] CAMERA1>[0][16][0]<tiltspeed><checksum2> [255]<camera1>[0][0][0][0][0] [255] CAMERA1>[0][4] PANSPEED>[0]<checksum2> [255]<camera1>[0][0][0][0][0] [255] CAMERA1>[0][2] PANSPEED>[0]<checksum2> [255]<camera1>[0][0][0][0][0] [255] CAMERA1>[0][2] PANSPEED>[0]<checksum2> [255]<camera1>[0][0][0][0][0][0] [255] CAMERA1>[0][2] PANSPEED>[0]<checksum2> [255]<camera1>[0][0][0][0][0][0] [255] CAMERA1>[0][64][0][0] CHECKSUM2> [255]<camera1>[0][0][0][0][0] [255] CAMERA1>[0][64][0][0] CHECKSUM2> [255]<camera1>[0][0][0][0] [255] CAMERA1>[0][32][0][0] CHECKSUM2> [255]<camera1>[0][0][0][0][0] [255] CAMERA1>[0][32][0][0] CHECKSUM2> [255] CAMERA1>[0][0][0][0][0] [255] CAMERA1>[0][32][0][0] CHECKSUM2> [255] CAMERA1>[0][0][0][0][0] [255] CAMERA1>[0][0][0] CHECKSUM2> [255] CAMERA1>[0][0][0][0][0] [255] CAMERA1>[0][0][0] CHECKSUM2> [255]<!--</td--></camera1></camera1></camera1></camera1></checksum2></camera1></checksum2></camera1></checksum2></camera1></checksum2></camera1></checksum2></tiltspeed></camera1></checksum2></tiltspeed>



User can press [Verify] button to verify the output code is correct or not. For example, user clicks the row [TILT

UPI (the 1^{st} row on Fig~9.3e) on the table.



(Using SUM calculation method)

Variable Name	Command	Default Value (in second)
Camera name	<camera1>, <camera2>,</camera2></camera1>	-
Pan speed	<panspeed></panspeed>	-
Tilt speed	<tiltspeed></tiltspeed>	-
Pan duration	<panduration></panduration>	1
Tilt duration	<tiltduration></tiltduration>	1
Zoom duration	<zoomduration></zoomduration>	0.1
Focus duration	<focusduration></focusduration>	0.1
Iris duration	<irisduration></irisduration>	0.1
Additional duration	<auxduration></auxduration>	0.1
Washer duration	<washerduration></washerduration>	0.1
Wiper duration	<wiperduration></wiperduration>	0.1
Patrol speed	<patrolspeed></patrolspeed>	-
Patrol dwell time	<patroldwelltime></patroldwelltime>	-

J

The command and syntax is shown as table below :



Fig 9.3g

Step 6 : Press [Save As] to save the setting as another driver. Press [Load] to load another driver to do the settings.

Step 7 : Press **[OK]** to save the current settings and exit the panel.

Section 10 Switches

10.1 Switches Settings

*Tele***Eye RX** transmitter supports to control 4 external relays (switches) by event driven or manually. User is recommended to define the type and delay of the switches before using.

Switch Type

Switch has 2 types. They are **latching** or **push-button** type. In **latching** type, the switch turns on for a period of time. In **push-button** type, the switch turns on and off after 1 second.

Latching Duration

The latch duration period is the time for turning on the switch.

Action Delay

The delay is the period of time after turning off the switch before next turning on.

Latching Duration and Action Delay Example

For latch type switch, set latch duration 10sec and action delay 10sec. If an event trigger, the timing of the switch is shown on the right.



For push-button type switch, set latch duration 10sec and action delay 10sec. If an event trigger, the timing of the switch is shown on the right.



Fig 10.1b

Switches Settings

Switches Setup Procedure :

Step 1 : Click [Transmitter Settings] icon on the {Main Panel}. Enter the administrator password to pop

up {Transmitter Setup} panel. Click [Switches] option as shown on Fig 10.1c.

🊰 Transmitter Setup		<u>- 🗆 ×</u>
Transmitter's Name:RX304	Switches Settings Switch 1 Name: SWITCH 1 Push Button Latching Switch 3 Name: SWITCH 3 Push Button C Latching Switch 4 Name: SWITCH 4 Push Button C Latching Event Action Delay: 10 sec (The period for Switches to be turned on again when event is re-triggered) Event Latch Duration: 10 sec (Only applied for latch switch)	
Reload Import Export	Apply C	lose



		\square		
Name:	SWITCH 1		Step 2 :	Edit the name of the switch.
	Fig 10.1d			
	O Push Button		Step 3 :	Click [Push Button] or
	 Latching 			[Latching] option for switch
	Fig 10.1e			type.

PAGE 187

Event Action Delay:	20 sec 💉	(The period for Switches to be
		turned on again when event is re-triggered)
Event Latch Duration:	20 sec	(Only applied for latch switch)
<u></u>	45 sec 1 min 2 min 3 min 4 min 5 min	Apply
		Fig 10.1f
		\Box
	Apply	Close
		Fig 10.1g

- Step 4 : Click [Event Action Delay] to select the time switch action delay. Click [Event Latch Duration] to select the time switch latch duration. Press
 [OK] button to exit the panel.
- Step 5 : Press [Apply] button on {Transmitter Setup} panel to save the setting to the transmitter.

10.2 Switches Control

TeleEye Reception Software WX-30 supports manually switch control.

Switches Control Procedure :

Step 1 : In the main panel, click [Switch] icon to pop up the {Switch Control} panel as shown on Fig.





Fig 10.2a



Step 2 : Press [1], [2], [3] or [4] button to set the corresponding

switch on or off.

Switch 1 2 3 4 X Fig 10.2c	Step 3 : For example of switch shown on Fig 10.2c ,	state as [2] and
	[4] button are ON state	and [1]
\Box	and [3] button are OFF	state.
Switch	Step 4 : Click [Close] X i	con or
Fig 10.2d	[Switch] id	on to
	close the {Switch C	ontrol}
	panel.	

User cannot control the switch 1 or switch 2 if switch 1 and switch are associated with arm/disarm input and security switch respectively. In additions, [1] and [2] button are dim (disable) on {Switch Control} panel as shown on Fig 10.2e.

Swi	itch	ì		
1	2	3	4	X

Fig 10.2e

For arm/disarm input and security switch associate with switch 1 and 2 setup, please refer to P.63 of Section 8.2.1: Arm/Disarm or P.66 of Section 8.2.2: Security Switch.

Section 11 Log & Picture Backup

11.1 Open & Save Picture

*Tele***Eye Reception Software WX-30** supports to open and save picture (including snapshots of each camera) in **Window bitmap (BMP)** format.

Open & Save Picture Procedure :

Step 1 : Click [File] \rightarrow [Open Picture] option on the main panel to pop up {Open Bitmap} panel.



Fig 11.1a

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PAGE 191



Select a picture file with the bitmap format in the window platform and press [Open] button as shown on Fig 11.1b. The {Picture Viewer} panel will pop up.

- press [Save As] 🕒 icon to pop up {Save Bitmap} panel. User can click [Open] icon to enter {Open Bitmap} panel and
 - User can click [Close] button to cancel the operation and go back to the main panel.
 - Choose the path, type a file name in the text box and press [Save] button to save the picture and go back to the main panel.

<

Save Picture (Snapshot of a Camera) Procedure :

Step 1 : Click a camera button on the {Camera} panel.

Step 2 : Click [File] → [Save Picture] option or [Save Picture] icon on the main panel and {Picture

Viewer} panel will pop up.



Fig 11.1e

 \bigcirc Snapshot size of the camera depends on the camera screen resolution.

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PAGE 193



Step 3 : In {Picture Viewer} panel, press [Save As] icon to

pop up {Save Bitmap} panel.

Step 4 :	Choose the path, type a file
	name in the text box and press
	[Save] button to save the
	picture and go back to the
	main panel.

Fig 11.1g

alarm_small.bmp arm.bmp armed.bmp

🔊 backward2.bmp

ڬ backward3.bmp

🛐 backward.bmp

🔽 🕝 🤌 📂 🛄+

*

backwardx100.bm big-alarm2.bmp big-alarm.bmp

🔊 big-motion-off.bm

칠 big-motion-on.bm;

<u>S</u>ave Cancel >

🔊 big-event.bmp

Save in: 🗁 TeleEye WX-30

CAM 1

Save as type: Bitmap file (*.bmp)

Arimage.bmp action.bmp alarm-1.bmp

🔊 alarm-2.bmp

🛐 alarm-3.bmp

<u>s</u> alarm-4.bmp

File <u>n</u>ame:

11.2 Preview

*Tele***Eye Reception Software WX-30** supports to preview a picture for printing.

Preview Picture Procedure :



Step 1 : In {**Picture Viewer**} panel, click [**Preview**] icon to pop up {**Preview**} panel as shown as **Fig 11.2b**.

Fig 11.2a



Fig 11.2b



Step 2 : In {**Picture Viewer**} panel, user can click the icons for different size of preview as shown on **Fig 11.2c**.

Step 3 : Click [Fit Page] icon to preview the picture in fit page size as shown in Fig 11.2d.





Step 3: Click [100%] icon to preview the picture in 100% A4 paper size as shown in Fig 11.2e.

Fig 11.2e

PAGE 196



Fig 11.2g

or

Printer Setup & Printing 11.3

TeleEye Reception Software WX-30 supports to print a picture in A4 paper and printer

setup.

Printer Setup & Printing Procedure :



Fig 11.3a



Fig 11.3b

Step 1 : {Picture Viewer} {Preview} panel, click [Printer Setup] 📫 icon to pop up {Printer Setup} panel as shown on Fig 11.3b or click [**Printing**] icon to print the current picture in A4 paper size. (7 User should setup the Printer in {Printer Setup} panel as shown on Fig 11.3b

In

for each printing.

Step 2: Select a printer name and press [Properties] button to setup the Printer. After setting up the properties of printer, press [OK] button to enter preview panel again. Click [**Printing**] icon to print the current picture.



Connection Scheduler

TeleEye Reception Software WX-30 enables the PC to connect or disconnect to different

transmitters at different pre-defined time automatically.

Open Scheduler Procedure :

Step 1 : Click [Patrol] → [Scheduler] option on the main panel to pop up {Scheduler} panel as shown on Fig

12b.



Fig 12a

Scheduler							
Status	Mode	Duration	Start time	End time	Days	Ref. Code	Location
-							
						—	
New		Properties	<u> </u> <u>B</u> un		Stop	Auto Rur	n Close



{Scheduler} Panel Column Description :

Status

It is the process status of the schedule.

Completed	: The schedule process is completed.
Connected	: The PC is connected to transmitter.
Running	: The schedule process is running.
	Completed Connected Running

• Fail : The schedule process is fail.

Mode

Each schedule contains four modes for patrol.

•	Auto Connect	: Connect to remote site as <i>Tele</i> Eye Reception Software
		WX-30 starts up.
•	Schedule	: Pre-defined connection given by start time and stop time.
•	Continuous	: Continuous connection for a specified duration of time.
•	Stop	: Stop the scheduler or automatic connection.

Duration

It is the time duration for continuous mode

Start Time

It is the time for starting connection between the PC and the transmitter. **Connection Scheduler**

End Time

It is the time for disconnecting between the PC and the transmitter.

Days

It is the days of schedule for schedule mode.

Ref. Code

It is the reference code for the transmitter in the phone book.

Location

It is the location of the site in the phone book

Recording **

It is the PC recording status of the schedule setting.

Camera

It is the camera status of the schedule setting.

Screen

It is the screen mode status of the schedule setting

Last Started

It is the last date of starting the schedule.

Last Ended

It is the last date of completing the schedule.

** : This function will be supported in *Tele*Eye Reception Software WX-30 version 2.00.00 or later.

{Scheduler} Panel Button Description :

Auto Run

Run Scheduler automatically when TeleEye Reception Software WX-30 starts up

Run

Start Scheduler manually

Stop

Stop Scheduler manually Connection Scheduler

New

Create a new schedule

Delete

Delete stored schedule

Properties

Edit stored schedule

12.1 New Schedule

In *Tele*Eye Reception Software WX-30, user can create schedules for connection between PC and different *Tele*Eye RX transmitters. Scheduler supports auto connect, schedule, continuous and stop mode.

Schedule Setup Procedure :

	Step 1 :	Click [New] button on
		{Scheduler Option} panel to
<u>N</u> ew <u>D</u> elete <u>Properties</u> <u>R</u> un		pop up {Patrol} panel as
Fig 12.1a		shown on Fig 12.1b.
	Step 2:	Fill in the information for
<u>R</u> ef. Code: Phone Book		location ID password ato in
Location:		location, IF, password, etc in
Phone / IP:		the connections part or click
Connect Using: TCP/IP Broadband		1
Password:		[Phone Book] button to select
Mode Auto Connect Start Time: (HH:MM) C Schedule: Days		a connection record.
Duration: (HH:MM)		
Ogtop		Eor add phone book
Details Screen: ○ <u>F</u> ull Camera: ☑ ▲II Recording: Yes ○ Quad ○ <u>H</u> ex		procedure, please refer to P.11
		of Section 3.1: Connect
OK Cancel		Tele Eye RX
Fig 12.1b		

New Schedule

Mode			Step 3:	Select [Auto Connect] for
⊙ <u>A</u> uto Connect			F	
	Start Time: (HH:MM)	End Time		auto connect mode or select
◯ <u>S</u> chedule:	Duration: (HH:MM)			[Schedule] for schedule mode
○ <u>C</u> ontinuous				or select [Continuous] for
<u>○ S</u> top				continuous mode or select
	Fig 12.1c			[Stop] mode for stop mode.

For schedule mode, user should input the start time and end time and user can click **[Day]** button to select the days for connecting the remote site.

For continuous mode, user should input duration time.

Stop mode is designed for continuous mode only.

Never setup stop and schedule modes together in the program or no schedule can be performed.

The scheduler takes reference to the computer's time and date. Make sure they are correctly set in the computer.

Details			
Screen:	◯ <u>F</u> ull	Camera:	🗹 <u>A</u> ll
	<u>O Q</u> uad		A
	<u>ОН</u> ех		
	💿 <u>A</u> uto Arrange		
	🚫 <u>N</u> o Change		

Step 4: For details part, user should select the display mode and cameras as shown on Fig 12.1d.

Fig 12.1d

New Schedule

PAGE 204

Click [OK] button to save and

exit the patrol or click

[Cancel] to cancel this patrol

and go back to {Scheduler}

panel.

Step 5:

Connections		
<u>R</u> ef. Code:	001	Phone Book
Location:	TeleEye	
<u>P</u> hone / IP:	210.17.139.148	
<u>C</u> onnect Using:	TCP/IP LAN	~
Pass <u>w</u> ord:	*****	
Mode		
<u>Auto Connect</u>		
	Start Time: (HH:MM) End Ti	me: (HH:MM)
O <u>S</u> chedule:		C Days
	Duration: (HH:MM)	
O Continuous	· · · · · · · · · · · · · · · · · · ·	
<u>○ S</u> top		
Details		
Screen: 💿 Full	Camera: 📃 🛓	Recording: Yes
O Quad	1	
<u>○</u> <u>H</u> ex		
O <u>A</u> uto /	rrange	
O <u>N</u> o Cł	ange	

Fig 12.1e

rtatus	Mode	Duration	Start time	End time	Days	Ref. Code	Location	Ī
	Schedule		14:10	18:00	Mon,Wed,Fri	001	TeleEye	
	Schedule		11:16	12:00	Mon,Wed,Thur,Fri	002	Remote Site 01	ſ



Step 6: User can click [New] button again to create a new schedule.

> Click **[Run]** button to start the scheduler and **[Auto Run]** is used for running scheduler when *Tele*Eye Reception Software WX-30 starts up.

> Click [Close] button to exit the {Scheduler} panel.

The scheduler runs each patrol entry from up to down entry and repeats all the patrol entries if the scheduler is not stopped.

The scheduler never stops except user click [Stop] button or stop schedule exist.

12.2 Delete Schedule and Change Properties

User can delete the existing schedule or change its properties in scheduler.

Delete or Change Schedule Procedure :

Scheduler 🕅	Step 1 ·	Click [Stop] button to stop the
Status Mode Duration Start time End time Days Ref. Code Location Image: Code Image: Code	Step 1 .	scheduler.
New Delete Propetties Bun Stop VAuto Run Close Fig 12.2a		Select a schedule for deleting or editing in the {Scheduler} panel as shown on Fig 12.2a .
		Click [Delete] button to delete the schedule and go to step 2.
		Click [Properties] button to edit the schedule and go to step 3.
Delete	Step 2:	Click [Yes] button to delete the schedule or click [No] to cancel the operation on the
Yes No Fig 12.2b		{ Delete } panel.

PAGE 206

sonnociona			
<u>R</u> ef. Code:	001	Phone Book	
Location:	TeleEye		
<u>P</u> hone / IP:	210.17.139.148		
<u>C</u> onnect Using:	TCP/IP LAN		
Pass <u>w</u> ord:	XMXMXR		
Aode			
O Auto Connect			
-	Start Time: (HH:MM) End Time: (HH:MM)	
() <u>S</u> chedule:	14 2 10 2 18	Days	
00.0	Duration: (HH:MM)		
O <u>L</u> ontinuous			
O Stop			
Details			
Screen: O Full	Camera: 🔽 📶 Recordi	ng: Yes	
O Quad			
<u>○ H</u> ex			
	Arrange		
O Auto /			

Fig 12.2c

User can edit the connection, change mode and change display mode in the {**Patrol**} panel.

Step 3:

Click **[OK]** button to save the schedule after editing the schedule and go back to **{Scheduler}** panel.

Section 13 Audio Control

Audio can receive audio and video from the remote site at the same time. This control also supports pre-recorded voice files for playing in the remote site.

13.1 Pre-recorded voice file setting



Step 1 : Click [TeleEar] button on {Main Panel}

Fig 13.1a





- Audio Control} panel will
 pop up. By default, all the
 [Voice] buttons are disabled
 because no wave file path is
 selected. To select the paths,
 click [Configuration] button
- Step 3 : {Voice Control} panel will pop up. Input the name into the boxes provided can change the captions of the voice buttons. Click on the [Path Select] button to input the path.
- Step 4: **{Open}** panel will pop up. Select the path of the wave file and click open.

Delete Schedule and Change Properties

PAGE 209

/oice	Contro	Test b	utton				X
Test	Butt	on Name	í.	Path			Reset
۳.	Voice	1	New F	older\sam	nple.way		∢ ≱ Reset
画	Voice:	2					€ Reset
画	Voice	3					€ Reset
画	Voice	4			1]	€ Reset
幽	Voice	5			1		€ Reset
					OK		Cancel

Fig 13.1e



Л



Audio Control

Fig 13.1g

[Test] button will be enabledafter the corresponding wavefile path is selected. Click on[Test] button to test the soundrelated to the selected path.

Step 5 :

Step 6:

Click on **[Reset]** button will clear the corresponding path.

Click on **[OK]** button to save the setting and quit.

Only the wave files with file format of 8000 sampling rate and mono can be used.

- [Voice] button with a saved path setting will be enabled.
 Click the enabled [Voice] button will transmit the voice data to the remote site and play with the audio device.
 Click [Voice] button again to stop voice file from playing.
- Step 7 : Click [Minimize] button and make {Audio Control} panel minimized. (as shown in Fig 13.1g)

PAGE 210

13.2 Audio control

Step 1 : Set [Main Panel] \rightarrow [Audio] \rightarrow [On]



Click [Remote Public Addressing] button to enable the transmission of voice to the remote sites. Click on this button again to disable the transmission. The Volume Level Bar indicates the current volume level of the microphone.

In {Audio Control} Panel,

Step 3 : Click on [Mute] button can choose whether or not muting the active audio channel

Fig 13.2c
Section 14 Trouble Shooting

Problems

Problem 1 : I am trying to connect to the transmitter using the software through the TCP/IP network, but the connection cannot be established and there is no video updated on the software.

Solution :

- Make sure *Tele***Eye RX** transmitter is power on.
- Make sure the transmitter and your PC is connected to the network. If the network configuration is not complete, please refer to *Tele*Eye RX User Guide Section 3 : Basic Installation for Local and Remote Monitoring in order to complete the network settings.
- Make sure the video source is connected to the transmitter.

Problem 2 : No event dial back when an event is triggered.

Solution :

- Make sure you set dial back as the associate action of the event.
- Make sure the software is in **standby mode**.

Problem 3 : PTZ camera does not function.

Solution :

- Make sure the PTZ is functioning properly.
- Check the PTZ camera ID. The camera ID should be as same as the camera number.



Section 15

Appendix

15.1 sureLINK Technology

sureLINK technology is available in *Tele***Eye RX**, which enables you to connect to the transmitter with broadband dynamic IP Internet connection. If you can only use broadband dial-up account to connect to the Internet through your computer, **sureLINK** provides a solution for sharing the Internet connection between your computer and the transmitter.

sureLINK is a group of additional functions, services and software provided for the transmitter so as to make it to connect to the Internet in any connection methods. Such function can only be used if you have applied for this service. After you have done so, you also need to configure the transmitter to make **sureLINK** available. This section will help you to configure and use it.

By using of **sureLINK** technology, the powerful *Tele***Eye RX** can work on broadband Internet economically, a cost effective and convenient remote live video monitoring anytime and anywhere.

sureLINK Address

You sureLINK address such can apply for а (domain name), as www.hkpublic.teleeye.teleeye.net, for your transmitter. You can use this name to login or browse the built-in web server **. One of the advantages is that you are not required to memorize the IP address (e.g. 210.177.50.156) of the transmitter. Since the sureLINK address is fixed while the IP address may change periodically (in case when dynamic IP is used), you do not need to worry about the expiration of the IP address. The **sureLINK** address can also be used in transmitter web browsing to see live video on standard web browser (e.g. IE, Netscape).

• <u>Refreshing Rate</u>

When **sureLINK** address feature is enabled, the transmitter will periodically update its current IP address to our database to ensure that the **sureLINK** address is always forwarded to a valid IP. You can set this update period through OSD menu.

• DNS Services:

Assigned when the transmitter can directly access the Internet without the help of *Tele***Eye** Proxy Server

** : This function will be supported in TeleEye RX transmitter version 2.00.00 or later

sureLINK Technology

PAGE 213

How to Apply for sureLINK Address

You can apply for *sureLINK* by visiting our web site at http://www.TeleEye.com



- Step 1 : Sign up to create your user account
- Step 2 : Login the page using your registered name and password.
- Step 3 : Click sureLINK Address Registration button



PAGE 214



Step 4 : Enter a *sureLINK* address (Domain Name), your Transmitter Serial No. and Registration Code in the fields provided respectively. Then click the Apply button. The process is then completed.

After we received your domain name registration for your transmitter, your application will be processed. Normally, it requires about 1 working day to activate **sureLINK** for your transmitter. You will receive a notification mail when your **sureLINK** service is ready.

PAGE 215

Transmitter Modification

Since the **sureLINK** (Domain name) address corresponds to a single transmitter, if you change from one transmitter to another one, you have to inform us to update our database record. To do this, you can visit our *Tele***Eye** Product Support again and follow the steps below:

Step 1: Transmitter Modification > Select a *sureLINK* address (Domain Name) you want to modify





Step 2: Enter the Old Registration Code, New Transmitter Serial Number and New Registration Code at each field provided. Click Modify button to submit the form.



If the above procedure is completed successfully, the *sureLINK* will be effective immediately.

TeleEye RX with Tamper Circuit and 15.2

External Resistor

TeleEye RX supports tamper detection (DEOL and SEOL) on all alarm inputs, arm/disarm input, security switch input, system tamper and power failure input.

- DEOL : Dual End of Line termination with NC and NO connection
- **SEOL** : Single End of Line termination with NC and NO connection

NC/NO : Alarm and other input ports without tamper detection circuit connection

For example, by connecting the tamper circuit with DEOL, the circuit with the normal closed condition if the resistance between point A and B detect 1.2k Ω (shown as below), or the circuit with the normal open condition if the resistance between point A and B (shown as below) detect 7.2k Ω . The resistance transition from 1.2k Ω to 7.2k Ω is generated an alarm tamper event for normal close circuit. The setup configuration of those alarms and input ports are shown in the following diagram. The circuit debouncing time between each sensor is 20 millisecond.

Dual End of Line Configuration

A	Term	Status	Description
sensor drive B	S/C	TAMPER	Wire short (point A and B)
	LoZ	NORMAL	Sensor drive output close (point B and C)
	HiZ	ALARM	Sensor drive output open (point B and C)
	O/C	TAMPER	Wire open (point A and B)
Normal Close (NC)	-	•	•



TeleEye RX with Tamper Circuit and External Resistor



Single End of Line Configuration				
	~			



Term	Status	Description
S/C	TAMPER	Wire short (point A and B)
LoZ	NORMAL	Sensor drive output close (point B
		and C)
O/C	ALARM	Sensor drive output open (point B
		and C)

Term	Status	Description
S/C	ALARM	Sensor drive output close (point A
		and B)
LoZ	NORMAL	Sensor drive output open (point A
		and B)
O/C	TAMPER	Wire open (point A and B)

Normal Open (NO)

Without Tamper Detection Circuit Configuration



TeleEye RX with Tamper Circuit and External Resistor

LEGEND		
NO	Normally Open Alarm	
NC	Normally Closed Alarm	
O/C	Open Circuit	
S/C	Short Circuit	
LoZ	Low Impedance	
HiZ	High Impedance	

The below table shows the summary between the resistance network and the condition result. *Note that this table is used as a reference. There may be a 10% tolerance for the resistance value in the below table.*

Resistance (Ω)				
Condition	0~400	401~2780	2781~29.5k	29.5k~Infinity
DEOL (Normal Close)	Tamper Short	Normal (Close)	Alarm (Open)	Tamper Open
DEOL (Normal Open)	Tamper Short	Alarm (Close)	Normal (Open)	Tamper Open
SEOL (Normal Close)	Tamper Short	Normal (Close)	Alarm (N/A)	Alarm (Open)
SEOL (Normal Open)	Alarm (Close)	Normal (Open)	Alarm (N/A)	Tamper Open
NC without tamper	Normal (Close)	Alarm (N/A)	Alarm (N/A)	Alarm (Open)
NO without tamper	Alarm (Close)	Alarm (N/A)	Alarm (N/A)	Normal (Open)

Alarm (N/A): Alarm with not applicable.

TeleEye RX with Tamper Circuit and External Resistor

15.3 Security Mode

On RX360 series, there are 2 security modes: BASIC and ADVANCED security mode.

Basic security mode

- 2 user accounts (Administrator and normal user. User account can only be applied to remote software)

- 2 access right level (Either can or cannot change settings with remote software)

Advanced security mode

- 20 definable user accounts**
- Different access right between each user account (User account can only be

applied to local OSD and remote software)

- Password encryption in network transmission.
- 6 concurrent users in advanced security mode.

Advanced security mode -- User account

18 normal user accounts and 2 special defined user accounts ('ADMINISTRATOR' and 'DEFAULT LOCAL USER') in RX

Account structure

Туре	Description	Remark
General setting		
User name	Login user name from remote	4-16 characters
	software	Case non-sensitive
		Unique between each account
Account type	LOCAL / REMOTE / BOTH	Allow user to login from local
		OSD / remote software / both
Access right	Access right of the user account	(Access right)
Remote account t	ype setting	
Remote password	Login password from remote software	4-10 characters
		Case non-sensitive
Local account typ	e setting	
Local password	Login password from local OSD	4-10 characters (ONLY numeric
	menu	character available)
		Unique between each account
Local time out	Automatic log-out time period when	Except in playback state
	keypad ideal	

TeleEye RX with Tamper Circuit and External Resistor

2 Special defined accounts

ADMINISTRATOR

Туре	Default	Remark
User name	ADMINISTRATOR	FIXED
Account type	BOTH	FIXED
Access right	ALL	FIXED
Remote password	000000	Available to change
Local password	111111	Available to change
Local time out	No time out	Available to change

DEFAULT LOCAL USER**

Туре	Default	Remark
User name	DEFAULT USER	FIXED
Account type	LOCAL	FIXED
Access right	NONE	Available to change
Remote password	NIL	FIXED
Local password	NIL	FIXED
Local time out	No time out	FIXED

** This is a local default user account. Local OSD will be login as this account automatically at RX startup, or when user logout in local OSD.

TeleEye RX with Tamper Circuit and External Resistor

Advanced security mode -- Access right

Group F	eatures Involved
VIDEO MONITORING [#]	Basic video monitoring with fixed cameras
	Browsing the event status**
AUDIO MONITORING	Audio monitoring**
and PA	PA with microphone, PA with pre-recorded voice clips
PLAYBACK	Video playback**
	Browsing event logs, connection log, setting log and operation log
CAMERA CONTROL	PTZ**
EVENT CTRL	Clear event
SWITCH CONTROL	Switch control
{All video monitoring}, {	audio monitoring} & {playback} access right group will be enabled
VIDEO BACKUP	Video extraction and backup
RECORDING	Start/stop recording
	Start/stop schedule recording
SYSTEM SETTING	Video format, camera installation, throughput control setting
	Change live video quality, brightness, contrast
	Network and modem setting
	Data/time setting
	Hard-disk formatting
	Recording setting
	Switch setting
	Event setting
	Firmware upgrade
	Shutdown/restart
	Setting import/export
All access right group will	l be enabled
USER ACCOUNT	User account setting
	Switch transmitter security mode
	Restore factory setting

At least one camera must be selected

** Video monitoring dependence. For example, if a user does not has access right on camera 2 monitoring, he/she will not be able to browse event status, control PTZ and playback on this camera.

TeleEye RX with Tamper Circuit and External Resistor