

AgilityTM 3

Picture Perfect Wireless Security

USER MANUAL



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Chapter 1 - Introduction

Congratulations on your purchase of Agility 3- RISCO Group's Picture Perfect Wireless Security System. RISCO Group's Agility 3 elegantly combines state-of-the-art video verification and Smartphone apps with advanced wireless security and safety features. Alarm Receiving Centres can now identify false alarms, as video verification enables immediate confirmation of a crime-in-progress, prioritizing response, increasing efficiency, and giving you on-the-go control and monitoring of your home security.

Featuring remote management, advanced communication, simple installation, and a comprehensive range of peripherals, Agility 3 with video verification is the ideal wireless solution for your residential and small commercial requirements.

This manual describes how to operate your system. It will guide you through programming instructions for main system features as well as basic setting and unsetting commands for the system.

1.1 Key Features

- Up to 32 wireless zones (1 way or 2 way wireless detectors) + 4 optional wired zones (with I/O expander)
- 31 User codes + Grand Master code
- 5 fixed authority levels for user
- Proximity tag for each user
- 3 partitions
- 3 wireless keypads (LCD or LED)
- 3 wireless sounders (internal or external)
- 8 rolling code keyfobs
- 16 Follow Me destinations
- 4 outputs (I/O expander)
- 2-way listen-in and talk
- Up to 8 PIR Cameras for video verification
- Smartphone operation of principal functions
- Full voice-guided menu for remote system operation
- X-10 support
- 250 Events Log

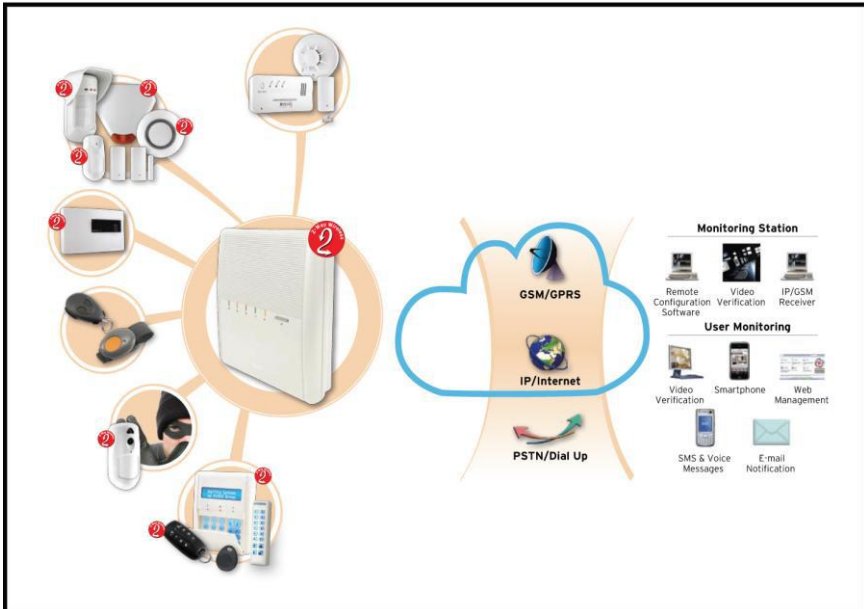


1.2 Agility Architecture

Your Agility controls and monitors a variety of sensors, detectors, and contacts placed throughout the premises, which provide external, perimeter and internal burglary protection. The system is supervised, meaning that the panel checks the

status of each sensor to detect problems. If the panel detects trouble it will notify you with beeps and indicator lights on the panel itself.

The following diagram shows the components that make up the system:



1.3 User Operating Tools

The **Agility** system can be operated using several devices, some of which have been designed as bi-directional. If you have purchased a bi-directional device, your system is capable of sending a return reply status indication from the panel to the device for each command that is sent to it.

Depending on your purchase you can operate your system via the following:



Smartphone Operations:

Homeowners can now enjoy the iRISCO Smartphone App for smart and easy control of their Agility system. The app enables users to set/unset the system on-the-go, visually verify alarms by viewing images taken by their PIR Cameras, take snapshots, activate home automation devices, omit detectors, view the system's status and history, and much more. Available for iPhone, iPad and Android.



2-Way 8 Button Remote Control:

Using the bi-directional 8 button remote control you can set, unset, send a panic alarm, activate outputs and more. Being bi-directional the remote control receives a reply status indication via its 3 colored LEDs and internal buzzer sounder, from the panel for each command that it has sent to the panel. For higher security, commands can be defined to be activated with a 4 digit PIN code.



Agility 2-Way Wireless Keypad:

Using the bi-directional wireless keypad you can program and operate your system according to your needs. Being bi-directional the keypad receives a reply status indication from the panel for each command that it has sent to the panel. To use functions of the keypad you can use a code or a proximity tag.



4 Button Key fob:

Using the 4 button key fob you can set, unset, send a panic alarm and activate outputs.



Remote Phone Operation:

Using any remote, touch-tone phone you can perform remote operations such as setting, unsetting, listening in and talking to the premises and more. The system can also provide audible information such as event occurrences and the status of your system.



SMS:

If your system is equipped with a GSM/GPRS module it can provide information about the system such as event occurrences by SMS. You can also operate the system using SMS commands for setting and unsetting the system and more.



Configuration Software:

RISCO Group's Configuration Software enables the engineer to program the system and operate the system locally or remotely.



Web Application:

RISCO Group's interactive web application enables you to monitor, control and configure your Agility system from any location. In addition to all the capabilities of the Smartphone app, with the web application users can also configure RISCO's PIR Camera settings such as the number of images taken, image resolution, and more. The application is powered by the RISCO

Cloud server.

1.4 Status Indications

LED Indicators

The LED indicators provide typical system indications, as discussed below. Some indicators have additional functions, which are explained later on.

Power LED  (Green)

The Power LED indicates system operation.

Condition	Description
On	Power OK
Rapid flash	Indicates AC fault
Slow flash	Indicates low battery fault

Set/Alarm LED  (Red)

Condition	Description
On	System Set
Rapid flash	Alarm
Slow flash	System in Exit delay

Part set LED  (Red)

Condition	Description
On	System armed at PART SET
Off	System Unset

Ready LED  (Green)

Condition	Description
On	System Ready
Off	Open zones
Slow Flash	System is ready to be set while a specially designated entry/exit door remains open

Fault LED  (Amber)

Condition	Description
Rapid Flash	Fault
Off	No fault

Note: When all LEDs flash one after another in sequence the system is in Learning mode.

Status Button / Service Call (Listen & Talk)

The button on the main unit can be defined as a system status indicator or as a S.O.S button. Once pressed, a service call can be established to the alarm receiving centre, which then enables 2-way communication with the premises.

Voice Messaging

Three types of spoken messages are heard when using the **Agility**, locally in the premises or remotely to your mobile:

-  **Event messages:** Upon selected event occurrence, the **Agility** initiates a call to a remote Follow Me (FM) telephone number, informing you of a security situation by playing a pre-recorded Event announcement message.
-  **Status messages:** Upon remote access of the system by initiating a call from a remote telephone or receiving a call from the system, the **Agility** announces the current system status by playing a pre-recorded Status message.
-  **Local Announcement messages:** Upon event occurrence or user's keypad operations, the **Agility** can announce various local messages to residents.

SMS Messaging

Using the GSM/GPRS Module the system can send predefined SMS event messages to a remote Follow Me (FM) telephone number, informing you of the status of the security system and certain events that occurred in the system.

For example:

Security System:
30/11/2005 10:10,
Intruder alarm,
Partition 1
Entrance

Email Messaging

Using the Agility IP Module or the RISCO Cloud, the system can send event messages by Email to predefined e-mail addresses informing you of the status of the security system and certain events that occurred in the system.

For example:

Subject: Alarm Security Message: Intruder Alarm

System Name: John's Residence

Event: Fire Alarm, Zone 5, Entrance door

Time: 01 April 2008; 16:12

Partition: Partition 1, First floor

Service Contact: Alarm Receiving Centre 01, 03-5676778

Sound Indications

In addition to the visual indications provided by the **Agility's** LEDs, your system produces audible notification after certain events.

Condition	Description
Intrusion alarm	Continues rapid beeping
Fire alarm	Staggered rapid beeping
Exit delay	Slow buzzer beeps until the Exit Delay time period expires
Entry delay	Slow buzzer beeps until the Entry Delay time period expires.
Confirm operation	A one-second tone
Reject operation	Three rapid error beeps
Set/Unset squawk	1 sounder chirp: System Full Set 2 sounder chirps: System is Unset 4 sounder chirps: System Unset after an alarm

Chapter 2 - Local System Operation

2.1 Setting your system

Setting your system causes the intrusion detectors to trigger an alarm when violated. The setting operation will be followed by a local message announcement (if defined).

Before setting the system check the ✓ Ready LED and make sure that the system is ready to be set. If the system is NOT ready to be set, secure or omit the violated zone(s), and then proceed.

Failing to set the system will be indicated by the system

Your **Agility** offers the following kinds of setting:

Note: If you are unable to set the system, press the status key to view system messages.

Full setting:

Full setting prepares all of the system's intrusion detectors to activate an alarm if violated, and is used when leaving the premises. The system will set after the designated countdown time (Exit delay) and a local message will sound. Once you have set the system, exit via the designated final exit door.

To set using Full setting procedure



Quick mode: 

High security mode: Press  + code



Quick mode: 

High security mode:  + code or proximity tag



Press 



Send SMS : [Code][S], example, 1234S



Click Full Set



Part set (Home) setting:

Part set setting activates only perimeter detectors (as defined by your engineer), enabling individuals to remain inside and move about the premises while the system is partially set.

To set using Part set (Home) setting procedure



Quick mode: 

High security mode:  + code



Quick mode: 

High security mode:  + code or proximity tag



Press  button or button 4 (if defined. Advise with your engineer)



Send SMS : [Code][P], example, 1234P



Click Part Set



Partition setting:

One of the **Agility's** advantages is its ability to divide the system in up to 3 partitions. Each partition may be managed as a separate security system, each of which can be set and unset individually regardless of the condition of the other.

Partitions can be set or unset one at a time, or all at once, and each partition can be set at Part set or Full set. Only users that have been defined to operate multiple partitions can operate more than one partition and set/unset all partitions at once

To set using Partition setting (Full set or Part set) procedure



Quick mode: / / 3 > /

High security mode: / / 3 > / + code



Quick mode: / / > /

High security mode: / / > / + code or proximity tag



Press button or button 4 (if defined. Advise with your engineer)



Send SMS: [Code][S or P] [Partition 1,2 or 3]. Example 1234S1. For more information refer to page 22.

Force Setting:

Force setting arms the system regardless of open zones. Your engineer must enable this option.

Note: Force setting the system results in leaving part of the system unsecured.

Setting with faults in the system

If required, and defined by your engineer, all faults in the system should be confirmed to enable the setting operation while performing setting from the wireless keypad.

When trying to set the system with faults, the display will show a "System Faults"

message. Press the key to view the faults in the system. Scroll down the faults list to view all faults in the system.

To enable one time setting from the keypad:

1. Press and enter your user code to access the user menu.
2. Go to Activities > Omit Fault
3. The following question will appear: "Omit faults. Are you sure? N?". Using the key change to Y and press to confirm.
4. Press to return to main display and perform the setting operation again.

2.2 Unsetting your system

Unsetting your system causes the detectors not to trigger an alarm when violated. When you enter the premises, the Entry Delay begins to count down. You must unset the system within the Entry Delay time to prevent the system from triggering an alarm. The unsetting operation will be followed by a local message announcement (if defined).

Note: If an alarm occurred in the system, it is recommended to leave the premises. Only after police investigation should you consider that the intruder is no longer on your premises and you can re-enter. In special cases (if programmed by your engineer) setting the system after an alarm might require an Engineer code. For more information refer to your engineer

Your **Agility** offers the following kinds of unsetting:

System unsetting:

Unsetting deactivates the partitions assigned to the specified user code

To unset using

Procedure for Unsetting



Quick mode: . All partitions assigned to the button will be unset
High security mode:  > Code



Press  followed by code or proximity tag.



Press the  button. All partitions assigned to the button will be unset.



Send SMS: [Code][U], example 1234U



Enter your user code and click UNSET

Partition unsetting: Partition unsetting enables you to unset individual partitions within a set system

To unset using Procedure for Partition Unsetting



Quick mode:  /  2 /  3 > 

High security mode:  1 /  2 /  3 >  > Code



 1 /  2 /  3 >  > code **or** proximity tag.



Press the  button. All partitions assigned to the button will be unset.



Send SMS: [Code][U] [Partition 1,2 or 3]. Example 1234U1. For more information refer to page 22.

Duress unsetting:

If you are ever coerced into unsetting your system, you can comply with the intruder's wishes while sending a silent duress alarm to the Alarm Receiving Centre. To do so, you must use a special duress code, which when used, will unset the system in the regular manner, while simultaneously transmitting the duress alarm. Confer with your engineer which of the user's codes is defined as a duress code.

Note: Under no circumstances must the duress code be used haphazardly or without reason. Alarm Receiving Centres, along with Police Departments, treat duress codes very seriously and take immediate action.

Unsetting after an alarm:

When silencing an alarm the system goes into a unset state. After the system is unset the sounders will sound 4 sounder chirps indicated that an alarm occurred in the system. On the keypad, press  for 2 seconds in order to view information about the last alarm.

If an "Entry door" is opened prior to unsetting the system, the following voice

announcement message will be heard: "*Alarm occurred in the system*". Press the  key will indicate the cause of the alarm.

Note: If an alarm occurred in the system, it is recommended to leave the premises. Only after police investigation should you consider that the intruder is no longer on your premises and you can re-enter. In special cases (if programmed by your engineer) setting the system after an alarm might require an engineer code. For more information refer to your engineer.

Note: Your engineer can define the number of times (0-15) that an alarm will be sent from the same detector during one setting period. This is usually used to prevent an alarm from a malfunction detector, an environmental problem or incorrect installation

Resetting after an alarm:

Your installation company can define that the reset of the system to a Normal Operation mode will require the intervention of your alarm receiving centre or engineer. In this case, after an alarm condition the system will be regarded as Not Ready and while requesting for system status () indication you will get a fault message: Engineer Reset.

Anti Code Reset

	Press  . Enter user code Go to Activities > Anti Code option.
	Call your alarm receiving centre (ARC) or engineer and quote the " <i>RANDOM CODE</i> " displayed on your keypad. The ARC or engineer will give you a return Anti-Code.
	Enter this Anti code followed by  and the system will reset.

Engineer Reset

Your alarm receiving centre (ARC) or engineer can reset your system remotely or locally from the keypad.

To enable local reset by your engineer you may need to authorize him/her using the master code after the engineer enters his/her code. A one hour time window is opened for the engineer to program user functions and be able to reset your system locally

2.3 Sending a Panic Alarm

Panic alarms enable you to send a message to the alarm receiving centre in the event of an emergency, send a message to a follow me number, announce a local message or activate a local alarm. Panic alarms can be set to be silent (Refer to your engineer for more information).

To send a Panic
Alarm using

Procedure



Press both  and  keys simultaneously



Press both  and  keys simultaneously

Note: Your engineer should define these keys to be set as panic keys. These keys can be either disabled or used to establish a service call to your Alarm Receiving Centre.

If defined by your engineer pressing   simultaneously for 2 seconds will send a fire alarm and pressing   simultaneously for 2 seconds will send a special emergency or medical alarm.



Press the small blank button (if defined)

Note: Your engineer can define the small blank button to be used for sending a panic alarm.

Note: For full capabilities of the 2-way remote control, the bi-directional keypad and 4 button key fob, refer to the instructions supplied with each product.



Press both keys simultaneously



Press the panic button

Chapter 3 - Remote System Operation

3.1 Remote Phone Operation

The **Agility** enables you to operate the system from a remote touch-tone phone by initiating a telephone call to or from the system and interacting with voice menus that guide you through your required remote operation.

Remotely Accessing the System

Remotely accessing the system involves initiating a call to the system, and entering your remote access code and the user code you usually enter in the system keypad.

➤ **To remotely access the system:**

1. From a remote touch-tone telephone, dial the number of the premises where **Agility** is installed.
2. If your system is connected to a land telephone line and an answering machine is in use at the premises let the line ring once, then hang up, wait 20 seconds and call again.
3. **If an answering machine is not in use at the premises** wait until the system picks up. After the system picks up a short tone is heard.

Note: When the system picks up, all phones on the same line are effectively disconnected and cannot be used (depending on engineer wiring).

4. Enter your 2 digit remote access code within 5 seconds (Default code = 00). The following message is announced: *"Hello, Please Enter Your User Code, Followed By [#]"*.
Enter your user code followed by [#]. (Default code=1234)
5. After your code is accepted a system status message is announced, followed by the **Operations** menu. You can now perform the required remote operations.

Voice Operations Menu

The **Voice Operations** menu announces options and instructions on how to use the system functions. The options in the Operations menu vary according to system status and your access rights.

Following is a list of the remote operations options:

Operation	Quick Key Combination
Setting all partitions	Press [1][1]
Setting a selected partition	Press [1][9] followed by the partition number
Unsetting all partitions	Press [2][2]
Unsetting a selected partition	Press [2][9] followed by the partition number

Operation	Quick Key Combination
Changing Zone Omit status	Press [3] followed by the zone number and then [#][9]
Operating Programmable outputs	Press [4] followed by the output number
Changing Follow Me(FM) numbers	Press [5] followed by the FM number and [#][2] . Enter the new phone number and press [#][1] .
Listen in to the premises	Press [6][1]
Talking to the premises	Press [6][2]
Listen and Talk to the premises	Press [6][3]
Recording messages that are not included in the message bank (5 messages)	Press [7][1]... [5]
Recording an opening message	Press [7][6]
Exiting the System	Press [0]
To return to the previous menu	Press [*]
To repeat the menu options	Press [#]

Receiving Calls from the System

Upon event occurrence, such as alarm activation, the system informs you of security situations, for example, intrusion or fire, by calling you and announcing a pre-recorded event announcement message, followed by the Acknowledge menu. The system can call up to 16 Follow Me numbers, enabling you, a relative or neighbour to be informed of the security situation. You can then take the appropriate action, whether this is to inform the authorities or acknowledge the event and remotely operate the system.

Notes: Follow Me messages are performed only after reporting to the Alarm Receiving Centre.

Follow Me numbers are assigned certain events for which they receive calls. The system must be programmed to call a FM number after a specific event occurs in order for that event to trigger the call.

To receive an event call:

1. Pick up the phone.
2. Say "Hello" or press **[#]**. The Event Announcement message is made, informing you of a security situation in your system, for example:
"24 Oaklands Street, Intruder alarm, Ground Floor, kitchen"

Notes: If no voice is detected, the event message will start playing 5 seconds after phone pick up. Press [#] to begin playback of the event message from the beginning. To repeat the Event Announcement message press [#]. To omit the Event Announcement message and go directly to the Acknowledge menu, press [*].

3. Acknowledge the event. (See *Acknowledge Menu*)

Acknowledge Menu

After the Event Announcement message is made, the following list of options is announced:

Operation	Digit
Acknowledge Message Acknowledging an event means that you have received a message from the security alarm system about a relevant event in the system and want to confirm this. After you acknowledge an event, the system calls the next FM number.	Press [1]
Acknowledge and stop all dialing This option acknowledges the event and stops the system from calling the next FM numbers to report the event.	Press [2] followed by the code
Acknowledge and access the Operations menu The Operations menu lists the available options for remotely operating your system.	Press [3] followed by the code
Listen In and Talk This option enables you to perform bi-directional communication.	Press [6] followed by the code
Repeat the event message	Press [#]
Repeat the Acknowledge menu	Press [*]

Note: If an invalid code is entered 3 consecutive times, the system hangs up and this FM number is locked for 15 minutes and no calls are initiated to the FM number. If a valid user code is not entered within 10 seconds, the system hangs up.

Bi-directional Communication

The Listen In and Talk options enable you to remotely and silently listen in to your premises in order to verify the cause of an event occurrence, through the microphone or remotely talk to your premises via the **Agility** loudspeaker, for example, to guide someone in distress.

To listen in or talk:

1. From the Operations/Acknowledge menu, press [6]. The following messages are announced:
"To Listen In press 1, To Talk press [2], To Listen and Talk (Open channel) press [3], To return to the previous menu, Press [*]."
2. Select the desired option.
3. Press [*] to end listening in and talking communication and return to the Operations menu.

Bi-directional Audio Options after an Alarm

In the event of Burglary, Fire and Medical alarms, the **Agility** is able to report these events and then stay on the line. This allows the Alarm Receiving Centre to perform Voice Alarm verification, verify the alarm or Verification in order to verify a cause of event or guide someone in distress.

Service call

The Service Call feature enables you to call the Alarm Receiving Centre by pressing a key. To establish the service call, press the button on the main unit or press simultaneously the buttons  on the bi-directional keypad.

Note: The Service call should be defined by your engineer.

3.2 SMS Operation

SMS Remote Control

The **Agility** enables you to perform remote control operations using simple SMS commands. The following section describes the SMS commands and the response of the system to these commands.

Note: This application is available only if a GSM/GPRS module is installed in your system.

Operation	SMS Message Structure	Example
Set all partitions of a user code	[Code] S	1234S
Set all partitions to Part set/Home Setting	[Code] P	1234P
Unset all partitions of a user code	[Code] U	1234U
Set by partition	[Code] S [Partition No.]	1234S1
Part set by partition	[Code] P [Partition No.]	1234P1

Operation	SMS Message Structure	Example
Unset by Partition	[Code] U [Partition No.]	1234U1
Omit a zone	[Code] OM [zone number]	1234OM05
Un-omit a zone	[Code] UNOM [zone No.]	1234UNOM05
Activate Output	[Code] POON [PO No.]	1234POON1
Deactivate Output	[Code] POOFF [PO No.]	1234POOFF1
Change FM number	[Code] FMPHONE [FM serial number] NEW [New Phone No.]	1234FMPHONE 3 NEW0529692345
Get system status	[Code] ST	1234ST
Get last alarm memory	[Code] AL	1234AL
Get SIM credit level (for prepaid cards)	[Code] CR	1234CR

Notes: SMS commands can be sent from any mobile phone or from an SMS website.

Command words are not case sensitive.

A separator between command words is not required although it is accepted.

SMS Confirmation Message

A confirmation message following a SMS operation is sent to the user, upon request, by adding the letters “**RP**” at the end of the SMS messages listed below.

Example:

1234 S RP - A confirmation message following an setting operation will be sent to the user.

Confirmation or Fail operation messages can be assigned to the actions of setting, unsetting, omitting, activating outputs or changing follow me definitions.

3.3 Smartphone / Web Operation

Agility 3 is smartphone and web-friendly.

Downloading the App

The smartphone app can be downloaded from the Apple App store under the iRISCO name or from Android play store .

Self registration

To enable the use of the iRISCO App, register your panel to the RISCO cloud.

Note: If using GPRS verify with your engineer that your panel is set to GPRS communication

1. Navigate your browser to www.riscocloud.com/register
2. Enter your details in the form.
3. In the Panel ID field copy the 15 digits of the panel from the label located on the side of the panel or as printed on the postcard that arrived with the panel.

Once defined you will be able to use your app or the web from www.riscocloud.com . Use login (email address) and password as defined during the registration process. The passcode is the user code for your alarm system.

Smartphone Operations

The following list describes the actions you can perform from the smartpone application:

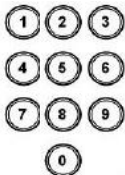
- Full Set
- Part Set
- Full Unset
- Omit zones
- Take image upon request
- View history images taken upon alarm event
- View history events
- Turn ON/OFF Outputs
- Set followers for email notification

Once defined you will be able to use your app. Use login and password as defined during the registration process. The passcode is the user code you use in your alarm system.

Chapter 4 - User Functions and Settings

The functions and settings explained in this chapter can only be performed via your LCD keypad and the Configuration Software. This chapter refers to these functions and settings as performed via the LCD keypad. Refer to the Configuration Software manual for more information regarding how these functions and settings are performed via the Configuration Software.

When using the keypad during the programming mode use the following table to be familiar with the functionality of the keys:

Function	Sequence
	Exits from the current menu
	Terminates commands and confirms data to be stored
	Used to browse through the menu: Scrolls up a list or moves the cursor
	Changes data
	Numerical keys are used to input the numeric codes that may be required for setting, unsetting, or used to activate specific functions

4.1 User Codes

To perform many of the **Agility** functions, a security code (often called a user code) must be used. Each individual using the system is assigned a user code, which, in turn, is linked to an Authority Level. Those with a "higher authority" have access to a greater number of system functions, while those with a "lower authority" are more restricted in what they may do. There are four different authority levels available for users of the **Agility**.

Notes: **Agility** can support up to 31 different user codes and 1 Master code. User codes may have variable lengths up to 6 digits.

Your **Agility** was given a Grand Master Code of 1-2-3-4 during manufacturing. Unless your alarm company has already changed it to suit your preference, it's best to modify this code to one that is unique and personalized as herein described.

Setting / Changing User Codes

The user assigned the Grand Master authority level can change all user codes but cannot view the digits in the user code fields. Users with other authority levels can only change their own codes. The system must be unset in order to set or change user codes.

Note: User codes can also be defined from the web application

➤ To set/change a user code:

1. Press  and
2. Enter your code
3. Using the arrow keys, scroll to the option **Codes/Tags** and press .

Note: If you enter a wrong user code, the keypad produces 3 short beeps and the "**Wrong Code. Please Try Again**" message will be heard. Press  quickly and re-enter the above sequence correctly.

4. Scroll to Access **Codes** and press .
5. You will see the option **New/Change**. Press .
6. Using the arrows scroll to select the User Index number to which you want to assign a user code and press .

Note: In the **Agility** system, the User Index number is from 00 to 31, where 00 belongs to the Grand Master.

7. Enter the new code and then re-enter the code. If successful, a single confirmation beep is sounded, if not, 3 quick error beeps are sounded
8. Repeat the above steps for additional codes until you have completed your list

Deleting User Codes

At times, you may want to completely delete a user code. Note that it is impossible to delete the Master Code (although it can be changed).

The system must be unset in order to delete user codes.

➤ To delete a user code:

1. Follow steps 1-4 of the previous procedure (See *Setting/Changing User Codes*)
2. Scroll the menu to the option "Delete Code". Press .
3. Using the arrows scroll to select the User Index number which you want to delete and press .

4. The display will show: "**Delete User. Are you sure?**". Use the  key to select [Y] and press . If successful, a single confirmation beep is sounded, if not, 3 quick error beeps are sounded
5. Repeat the above steps for deleting additional codes

4.2 Proximity Tags

The bi-directional keypad enables you to replace the use of a code with a proximity tag to set and unset the security system or to activate and deactivate home appliances and utilities, such as heating and lights. Proximity tag programming is performed from the User Functions menu. When programming a proximity tag, the following three options are available:

-  Adding a new tag
-  Deleting a tag by the user index
-  Deleting a tag by the user tag

Adding a Proximity Tag

The Grand Master can assign a tag to any user in the system. Each proximity tag can be assigned to only one user.

➤ To add a proximity tag:

1. Press .
2. Enter your user code
3. Using the arrow keys scroll to the option **Codes/Tags** from the User Functions menu and press .
4. Scroll to **Proximity Tags** and press .
5. Select the option **New/Change**. Press .
6. Using the arrows scroll to select the User Index number to which you want to assign a tag and press .
7. Within 10 seconds, hold the proximity tag at a distance of 1 to 2 cm. from the keypad's keys. The keypad automatically reads the proximity tag and saves it into the system's memory. Once the proximity tag has been successfully recorded, a long confirmation beep sounds, and a confirmation message is displayed. If the proximity tag is already stored in the system's memory, 3 error beeps will sound and a reject message will appear.

Deleting a proximity tag

Deleting proximity tags can be done by in two options:

 **By user number:** Use this option to delete a tag for which the user is known

 **By tag:** Use this option to delete a tag for which the user is not known

➤ **To delete by user:**

1. Follow steps 1-4 of the previous procedure (See *Setting/Changing User Codes*)
2. Scroll the menu to the option **Delete by user**. Press .
3. Using the arrows scroll to select the user for which you want to delete the proximity tag and press .
4. The display will show: "**Delete User. Are you sure?**". Use the  key to select [Y] and press . If successful, a single confirmation beep is sounded, if not, 3 quick error beeps are sounded.

➤ **To delete by tag:**

1. Follow steps 1-4 of the previous procedure (See *Setting/Changing User Codes*).
2. Scroll the menu to the option **Delete by tag**. Press .
3. Within 10 seconds, approach the proximity tag at a distance of 1 to 2 cm. from the keypad's keys. A confirmation message will be displayed.

4.3 Defining Follow Me Destinations

In the case of an alarm or event, the system can initiate a phone call to a designated telephone, send an SMS, send an E-mail, or employ unique tones or messages to express the active event or perform push notification to your smart phone application.

Note: When the Agility is connected in cloud mode (depending on system settings) the system may only be able to send emails or push notification to Smartphone applications

➤ **To enter/edit a Follow Me number:**

1. Press .
2. Enter your user code
3. Scroll the menu using the arrow keys to the option **Follow Me** and press .
4. Select the Follow Me index number you want to edit and press .
5. Press  to enter the **Define** menu.

6. Enter the phone number, including the area code (if required) or an e-mail address, as requested on the screen and press 

Up to 32 digits can be included in the phone number.

7. If required, include the special functions described below to achieve the related effect. You can press the  or  keys to toggle to the required character.

Function	Results
Stop dialing and wait for a new dial tone	W
Wait a fixed period before continuing	,
Send the DTMF * character	*
Send the DTMF # character	#
Delete numbers from the cursor position	  simultaneously

8. When done with your complete entry, press  to store it.

4.4 Scheduler

The Agility enables you to automate some system operations. This is performed by defining weekly programs by your engineer. Each program can be defined with up to two time intervals per day, during which the system automatically performs one of the following functions:

-  **Automatic Setting/Unsetting:** A setting program automatically sets and unsets the system during your required time intervals.
-  **Automatic PO Activation:** A PO (home appliance) activation program automatically activates and deactivates UOs during your required intervals.

In addition, each program can be defined to be activated in a different manner during holidays.

Once your engineer defines a schedule program it will be activated.

You have the option to deactivate a program according to your needs.

➤ To disable a weekly program:

- Press 
- Enter your user code
- Scroll the menu using the arrow keys to the option **Clock** and press 
- Press  to enter the **Scheduler** menu.

- Select the Scheduling program index number. Use the  key to activate / deactivate and press .

4.5 Macro keys

Programming Macro Keys

Agility enables the engineer or Grand Master to record a series of commands and assign them to a macro. When the macro is invoked, the recorded commands are executed from beginning to end. Up to 3 macros can be programmed to a system using the Agility LCD keypad or the Configuration Software.

Before programming a macro, it is recommended to perform your required series of commands, making a note of every key you press while doing so.

Notes:

Macros cannot be programmed to perform unsetting commands.

Macro keys are not available in the slim keypad

➤ To program a macro:

- In the Macro menu select a macro (A, B or C) and press .
- Enter the sequence of characters according to the following table:

Key	Represents
         	Used to enter numerical characters
	Used to move the cursor to the left
	Used to move the cursor to the right
Press 1 twice	Represents the ↑ character
Press 3 twice	Represents the ↓ character
Press 4 twice	Represents the  key
Press 6 twice	Represents the  key
Press 7 twice	Represents the * character
Press 9 twice	Represents the # character

Key	Represents
and 0 simultaneously	Deletes your entry from the cursor position forward
/	Use to toggle between / / / / / and all of the numeric characters
	Used to end the sequence and save it to memory

3. Press to save your entry.
The series of characters is saved and assigned to the selected macro.

For example:

To set partition 1 with the code 1234, enter the following sequence:

1 1 2 3 4

Activating a Macro

Hold 7/8/9 on the keypad for 2 seconds to activate the macro A/B/C respectively. A confirmation message will be heard:
"[Macro X] activated".

4.6 Complete Menu of User Functions

The **Agility** comes with a variety of selectable user functions that become available when you enter the User Functions mode. The following section lists these functions.

Note: Although these functions are in the User Functions menu, you can ask you engineer to program some of them for you.

To enter the User Functions mode press followed by your user code.
The following table shows full Keypad Operations according to users.

- √ - User is able to perform this function
- - User is unable to perform or see this function

Operation	Grand Master	User	Engineer
Activities			
Omit Zone: Provides the ability to omit any of the system's intrusion zones.	√	√	-
Omit zone → Select zone → Define [Y] using the key and press			
Main Buzzer On/Off: Used to control the main unit buzzer.	√	√	√

Operation	Grand Master	User	Engineer
Walk test: Used to easily test and evaluate the operation of selected zones in your system	√	-	√
Output Control: Allows user control of previously designated external devices (e.g. an appliance, a motor-driven garage door, etc.) Output Control → Select Output → Define [Y] using the  key and press 	√	√	-
Omit Faults: Used to confirm all faults in the system in order to enable setting operation.	√	√	-
Anti-code: If defined by your engineer the Agility can be defined to be not ready to Set after an alarm or tamper condition. To restore the system to <i>Normal Operation</i> mode, engineer code or an Anti-code must be entered. Entering the code supplied by the engineer at this location will restore the system to the <i>Normal Operation</i> mode	√	√	-
Advanced → Prepaid SIM → Check Credit Use this function to receive information by SMS or Voice of the credit level in your prepaid SIM card. For more information refer to your engineer.	√	-	-
Advanced → Prepaid SIM → Reset SIM After charging a prepaid SIM card, the user has to reset the SIM Expire Time manually. The time duration for expiration is defined by your engineer. Not currently used in the UK.	√	-	-
Advanced → Restore Alarm: The user must approve an alarm that occurred in the system. After unsetting an alarm, an Alarm Memory Display will appear on the screen.	√	√	-
Advanced → Restore Fault: If defined by your engineer, use this option to reset a fault condition after it has been corrected.	√	√	-
Advanced → Service Mode: Used to silence an alarm initiated by any tamper for a <i>Service Time</i> period specified your engineer. Use this option when replacing the accessory battery.	√	-	√

Operation	Grand Master	User	Engineer
Advanced → View IP Address: Use this option to view the IP address of the Agility.	√	-	-
Advanced → CS Connect: Enables to establish communication with the configuration software at a predefined location through IP or GPRS.	√	-	√
Advanced → Exit/Entry Beeps: Enables to control the exit/entry beeps of the current keypad.	√	-	√
Follow Me			
Define: Used to define Follow Me destinations phone number or Email address according to its type: Voice message, SMS or E-mail	√	-	√
Test FM: Used to test Follow Me reporting.	√	-	√
Codes/Tags			
Use this menu to set tags and user codes in the system. For detailed information refer to Chapter 4, page 25.	√	√	-
Clock			
Time & Date: Allows the setting of the system time and date. This definition is required for setting the scheduler programming in the system.	√	-	√
Scheduler: Enables you to activate or deactivate preprogrammed schedules that were defined by your engineer. Up to 8 weekly programs can be defined in the system during which the system automatically sets / unsets or activates programmable outputs.	√	-	√
Event Log			
To view a list of system events that have occurred	√	-	√
Service Information			
Allows the display of any previously entered service information. (Name and phone)	√	√	-
Macro			
Enables the engineer or GM to record a series of commands and assign them to a macro. For more information refer to section 4.5 Macro keys page 30.	√	-	√

Chapter 5 - System Specifications

The following technical specifications are applicable for the **Agility**:

Electrical Characteristics

System Power	230VAC (-15%+10%), 50Hz, 50mA Optional: 9VAC, 50-60Hz
Units Consumptions	Main board: Typical 130mA GSM: Stand by 35mA, Communication 300mA Modem: Stand by 20mA, Communication 60mA IP Card: 90mA (Max)
Backup Battery	Sealed Lead Acid Battery 6V 3.2Ah
Battery Dimensions (HxWxD)	67mm x 134mm x 34mm
Internal Sounder intensity	90 dBA @ 1m
Operating Temperature	-10°C to 40°C (14°F to 104°F)
Storage temperature	-20°C to 60°C (-4°F to 140°F)

Physical Characteristics

Dimension (HxWxD)	268.5 mm x 219.5 mm x 64 mm (10.57 x 8.64 x 2.52 inch)
Weight (Without battery)	1.31Kg (Full configuration)

Wireless Characteristics

RF immunity	According to EN 50130-4
Frequency	868.65 MHz

Chapter 6 - EN 50131 Compliance

Compliance Statement

Hereby, RISCO Group declares that the Agility series of central units and accessories are designed to comply with:

-  EN50131-1, EN50131-3 Grade 2
-  EN50130-5 Environmental class II
-  EN50131-6 Type A
-  UK: PD 6662:2004, ACPO DD243:2004 (Police)

Possible logical keys calculations:

-  Logical codes are codes typed in the wireless keypad to allow level 2 (users) and level 3 (engineer) access
-  All code lengths are 4 digits long
-  0-9 can be used for each digit
-  There are no disallowed codes, all codes from 0001 to 9999 are acceptable
-  Invalid codes cannot be created since after 4 digits have been typed "Enter" is automatic. Codes rejection occurs only when trying to create a code that does not exist.

Possible physical keys calculations:

-  Physical keys are implemented in the Wireless Remote Controls.
-  It is assumed only a user can have remote controls, so having a physical key is considered as access level 2
-  Each remote control has an identification code of 24 bit, so the number of options is 2^{24}
-  For a remote control to operate with the Agility, a "write" process must be made after which the keypad is registered with the panel.
-  A valid remote control is one "Learned" by the panel and allows Set/Unset
-  A non valid remote control is one not "Learned" by the panel and does not allow Set/Unset

Appendix A - Keypad User Operations

The following section details the user operations from the 2-way LCD wireless keypad. User operation can be defined to be activated by a quick mode or high security mode that requires the use of a code or proximity tag.

In the high security mode the proximity tag can be used as a substitute for inserting a user code when the display prompts to "Insert a code".

Common Operations

Operation	Quick Operation	High Security Mode ¹
♦ Full Set	♦ Press 	♦ Press  followed by code or proximity tag ²
♦ Part Set ³	♦ Press 	♦ Press  followed by code or proximity tag
♦ Full Unset	♦ Press  followed by code or proximity tag	

Consult your engineer for the operations defined with a code

For optimal use of the proximity tag, use it from a distance of 1-2 cm (0.4" - 0.7") from the center of the keypad's door

For Part set Setting with no entry delay hold the  key for two seconds

Advanced Operations

Operation ¹	Quick Operation	High Security Mode
Full Setting Partition 1/2/3	Select partition  /  /  and press 	Select partition  /  /  and press  followed by code or proximity tag
Part set Setting Partition 1/2/3	Select partition  /  /  and press 	Select partition  /  /  and press  followed by code or proximity tag
Partition 1/2/3 Unset	Select partition  /  /  and press  followed by the code or the proximity tag	
Panic alarm / Service call	Press and hold both keys   simultaneously ⁴	

Operation ¹	Quick Operation	High Security Mode
Fire Alarm	Press and hold   simultaneously for 2 seconds	
Emergency/Medical Alarm	Press and hold   simultaneously for 2 seconds	
System Chime On/Off	Press and hold the button  for 2 seconds	
Main Unit Speaker Volume	Press and hold the button  for 2 seconds Select the volume level (0=No sound, 4=Full volume) Press  to save your selection	
Set keypad LCD contrast	Press and hold  for 2 seconds Use the   keys to adjust the keypad's display contrast and press 	
Output Control A/B/C ²	Press and hold button    for 2 seconds	Press and hold button    for 2 seconds followed by code or proximity tag
View Last Alarm	Press and hold button  for two seconds	
View System Status	Short press on  : LCD display Long press on  : LCD display + voice	Only LCD display : Short press on  followed by code or proximity tag LCD display + voice: Long press on  followed by code or proximity tag
Macro Activation ³	Press and hold    for 2 seconds	
Wake up Keypad	Press 	
Update Keypad Parameters	Press and hold  for 2 seconds after changing parameters in the system	
Enter Programming Mode	Press  and enter the code	

Operation ¹	Quick Operation	High Security Mode
Changing Keypad Language	Press and hold   simultaneously for 2 seconds. Select the language and press  to confirm.	

All operations are available while keypad is turned on (Not in Sleep Mode)

Ask your engineer whether outputs control is applicable or not and which output is assigned to which key

Ask your engineer for the macro defined for each key

Ask your engineer for the keys definition

LEDs Indication

Key	Function
 (Blue)	Communication with the panel
 (Red)	♦ On: Fully or partially set ♦ Slow flash: Exit delay ♦ Rapid flash: Alarm
 (Yellow)	Fault in the system during unset mode

Appendix B - Remote Control User Operations

The following section details the user operations from the Agility 2-Way Remote Control. User operation can be defined to be activated by a quick mode or high security mode that requires the use of a code.

Common Operations

Operation	Quick	High Security Mode ¹
Full Set		> Code
Part Set ²		> Code
Full Unset		> Code
System Status ³	Long	Long > Code
Output Control ⁴ A/B/C	Long / /	Long / / > Code
Panic Alarm	+ simultaneously for 2 seconds	
Clear Operation ⁵	>	

Consult your engineer which commands are defined with a code.

Pressing > will cancel the Entry Delay time.

Pressing > will give status indication only by the LED of the remote control and not by local voice message.

Ask your engineer which device is assigned to which key.

Use this command to clear the remote control operation.

Advanced Operations

Operation	Quick	Code Sequence
Full Partition 1/2/3 Setting	/ / > 	/ / > > Code
Part Partition 1/2/3 Setting	/ / > 	/ / > Code
Partition 1/2/3 Unsetting	/ / >	/ / > >

		Code
--	---	------

Status LED/Buzzer Indications

After each transmission (indicated by a flashing Green LED) from the remote control, the Agility sends a status response indicated by the remote control's LEDs and Buzzer:

LED Indications

Operation	1st LED * (Send command)	2nd LED (Receive Status)
Full Set	Green	Red
Part Set	Green	Orange
Unset	Green	Green
Alarm	Green	Flash Red LED

*If the 1st LED changes to orange it indicates a low battery condition.

Buzzer Indications

Sound	Status
1 beep	Confirmation
3 beeps	Error
5 beeps	Alarm

Changing Remote Control PIN Code

Each remote control can be defined by your engineer to be activated with a unique PIN code.

To change the remote control PIN code (from the remote control itself):

Note: To change the PIN code it is mandatory to perform the following procedure in close proximity to the control panel.

Press the  +  simultaneously for 2 seconds.

Enter the remote control current 4 digit PIN code.

Press  followed by a new 4 digit code.

Press .

The panel will send a confirmation message. The remote control will sound a long beep and the Green LED will turn on. If no confirmation sound is heard the old PIN code will remain. Repeat the procedure again to replace to a new code.

Appendix C - Engineer Event Log Messages

Event Message	Description
Activate PO=xx	PO XX activation
Actv PO=xx KF=zz	PO XX is activated from remote control ZZ
%AL Reinstat P=y	Alarm reinstatement on partition Y
Alarm abort P=y	Alarm aborted on partition Y
* Alarm Zone=xx	Alarm in zone no. XX
* Anti-code reset	Remote reset
Auto Add GSM	GSM Module added to the main unit
Auto Add IP card	IP Module added to the main unit
Auto Add MODEM	Modem added to the main unit
Auto Del GSM	GSM Module was removed from the main unit
Auto Del IP card	IP Module removed from the main unit
Auto Del MODEM	Modem removed from the main unit
Auto test fail	Failure of zone self-test
Auto test OK	Automatic zone self-test OK
* Set fail P=y	Partition Y failed to set
* Set:P=y C=zz	Partition Y armed by user no. ZZ
* Set:P=y KF=zz	Partition Y armed by remote control ZZ
* Bell tamper	Bell tamper alarm
Bell tamper rst	Bell tamper alarm restore
* Box tamper	Box tamper alarm from main unit
Box tamper rst	Box tamper alarm restore
* Omit Box+Bell	Box + Bell tamper is omitted
Omit code=xx	Omit code XX has been used
* Omit Fault C=xx	System faults were omitted by user XX
* Omit Zone=xx	Zone no. XX is omitted
Cancel Alarm P=x	Cancel alarm event has occurred from partition X. A valid user function is entered to reset the alarm after the defined Abort alarm time
Change code=xx	Changing user code XX
Change FM=yy	Changing Follow-Me number YY
Change tag=xx	Changing keypad tag for user XX
Clock not set	Time is not set
Clock set C=xx	Time defined by user no. XX
Cloud Connected " ,	Cloud communication channel is functioning
Cloud Disconnect" , //	Cloud communication channel is not functioning
CO Alarm Zn=xx	CO alert from zone XX defined as a CO detector
CO Rst. Zn=xx	CO alert restored from zone XX defined as a CO detector
Com ok IP card	Communication OK between the Agility and IP card

Event Message	Description
Comm OK Sounder=y	Communication OK between the Agility and Sounder Y
Comm. OK GSM	Communication OK between the Agility and GSM
Comm.OK I/O Mdl.	Communication OK between the Agility and I/O module
* Conf. alarm P=y	Confirmed alarm occurred in partition Y
%Conf. Hold-Up P=y	Confirmed Hold-Up Alarm in partition Y
Confirm rs Z=xx	Restore zone confirmed alarm
* Confirm Zone=xx	Confirmed alarm occurred from zone XX
CP reset	The control panel has reset
Date set C=xx	Date defined by user no. XX
* Day Set:P=y	Daily set on partition Y
Day unset:P=y	Daily unset on partition Y
* Day part set: P=y	Daily PART setting in partition Y
%Device Tmpr Omit	Device Tamper Omit
* Unset:P=y C=zz	Partition Y unset by user ZZ
* Unset: P=y KF=zz	Partition Y unset by remote control ZZ
Duress C=xx	Duress alarm from user no. XX
Enter program	Entering engineer programming from keypad or configuration software
Exit Error Zn=xx	Exit error event from zone XX The zone was left open at the end of the exit time
Exit program	Exiting engineer programming from keypad or configuration software
False code	False code alarm
False restore	False code alarm restore
Fire Keypad=y	Fire alarm from wireless keypad Y
Fire main KP	Fire alarm from
Fire ok Zone=xx	Fault restore in fire zone no. XX
Fire Flt Zn=xx	Fault in fire zone no. XX
* Fire Zone=xx	Fire alarm in zone no. XX
Foil ok Z=xx	Restore in foil (Day) zone no. XX
Foil Zone=xx	Fault in foil (Day) zone no. XX
Forced P=y	Partition Y is force set
Found Zone=xx	Wireless zone found, zone no. XX
* Gas Alarm Zn=xx	Gas (natural gas) alert from zone XX defined as a gas detector
Gas Rst. Zn=xx	Gas (natural gas) alert restored from zone XX defined as a gas detector
GSM:IP OK	IP connection OK
GSM:IP Fault	IP address is incorrect
GSM:Mdl comm.OK	Communication between the GSM/GPRS Module and the Agility is OK

Event Message	Description
* GSM: Module comm.	Internal GSM/GPRS BUS module fault
* GSM:NET avail.	GSM network is not available
GSM:NET avail.OK	GSM Network is available
GSM:NET signl.OK	GSM Network quality is acceptable
GSM:NET signal	The GSM RSSI level is low
GSM:PIN code err	PIN code entered is incorrect
GSM:PIN code OK	PIN code is correct
GSM:PUK Code err	PUK code required
GSM:PUK Code OK	PUK Code entered is correct
GSM:SIM OK	SIM Card in place
GSM:SIM fault	SIM card missing or not properly sited
H.Temp rst Zn=xx	High temperature alert restored from zone XX defined as a temperature detector
* High Temp. Zn=xx	High temperature alert from zone XX defined as a temperature detector
%HU Reinstate P=Y	Hold-Up Reinstatement in partition y
I/O:AC Rstr	AC power restore on I/O module
I/O:AC Fault	AC power fault on I/O module
I/O: Battery Rstr	I/O module battery fault restored
* I/O: Battery Flt	I/O module battery fault alert
* I/O: Jamming	I/O module jamming alert
I/O: Jamming Rstr	I/O module jamming alert restored
* I/O: Lost	I/O module is regarded as lost following supervision test
* I/O: Tamper	I/O module tamper alert
I/O: Tamper Rstr	I/O module tamper alert restored
IO: Lost Restore	The Agility received a signal from I/O module after it has been regarded as lost
IPC:DHCP error	Failed to acquire an IP address from the DHCP server
IPC:DHCP ok	Succeeded to acquire an IP address from the DHCP server
* IPC: Network err	Failed to connect to IP network
IPC: Network ok	Successful connection to IP network
IPC:NTP error	Failed to acquire time data from the time server
IPC:NTP ok	Succeeded to acquire time data from the time server
Jamming OK Zn=xx	Zone XX jamming OK
Jamming restore	Wireless receiver jamming restore
* Jamming Z=xx	Zone XX jamming fault
KeyBox Open Z=!!	Zone XX defined as KeyBox type is open
KeyBox Rst Z=!!	Zone XX defined as KeyBox type is closed
KP=y Low Bat.Rst	Low battery fault restored from keypad Y
* KP=y Low Battery	Low battery fault from keypad Y

Event Message	Description
* Ksw full set:P=y	Partition Y is set by key switch
* Ksw unset:P=y	Partition Y is unset by key switch
L.bat rstr KF=yy	Low battery fault restore from wireless remote control YY
L.Temp rst Zn=xx	Low temperature alert restored from zone XX defined as a temperature detector
* Lost Zone=xx	Wireless zone lost, zone no. XX
Low Bat rs Z=xx	Low battery fault restored from wireless zone no. XX
Low bat. Zn=xx	Low battery fault from wireless zone no. XX
Low bat.KF=yy	Low battery fault from wireless remote control XX
* Low Temp. Zn=xx	Low temperature alert from zone XX defined as a temperature detector
Main:AC restore	AC power restore on main panel
Main: Battery rst	Low battery fault restore from the main panel
Main: Low AC	Loss of AC power from the main panel
Main: Low battery	Low battery fault from the main panel
* ARC=y call error	Communication fail fault to ARC phone no. Y
* ARC=y restore	Communication fail fault restore to ARC phone no. Y
* Msg Box Tamper	Tamper alarm from the Listen In message box unit
Msg Box Tmp Rst.	Tamper alarm restore from the Listen In message box unit
No Com IP card	Communication failure between the Agility and IP card
* No comm I/O Mdl.	Communication failure between the Agility and I/O module
* No comm Sounder=y	Communication failure between the Agility and sounder Y
* No comm. GSM	No communication between the GSM/GPRS Module and the Agility
* Phone fail	If the phone line is cut or the DC level is under 1V
Phone restore	Phone line fault restore
* Police Keypad=y	Police (panic) alarm from wireless keypad Y
* Police KF=yy	Police (panic) alarm from remote control YY
PTM: Send Data	Load new parameters into the Agility from PTM accessory
* Radio l.bat S=y	Radio low battery fault from sounder Y
Radio l.bat rS=y	Radio low battery restore from sounder Y
* Remote full set:P=y	The system has been set from the configuration software
* Remote program	The system has been programmed from the configuration software
* Remote part set:P=y	The system has been PART Set mode from the configuration software
Restore Zone=xx	Alarm restore in zone no. XX
* RF Jamming	Wireless receiver jamming
Rmt unset:P=y	Partition Y unset from the configuration software
* Sounder=y Lost	Sounder Y is regarded as lost following supervision test
Sounder=y Lost Rst	The Agility received a signal from sounder Y after it has been regarded as lost

Event Message	Description
Soak fail Z=xx	Zone XX has failed in the soak test
Special KP=y	Special alarm from the from wireless keypad Y
Spkr l.bat rsS=y	Speaker low battery restore from sounder Y
* Spkr low bat S=y	Speaker low battery fault from sounder Y
Start exit P=y	Exit time started in partition Y
* Part:P=y C=zz	Partition Y part set by user ZZ
* Part: P=y KF=zz	Partition Y part set by remote control ZZ
* Tamper I/O Mdl.	Tamper alarm from I/O module
Tamper I/O Mdl.	Tamper alarm restored from I/O module
* Tamper Keypad=y	Tamper alarm from keypad ID=Y
Tamper rs Zn=xx	Tamper alarm restore on zone no. XX
Tamper rst KP=y	Keypad Y tamper restore
* Tamper Sounder=y	Tamper alarm from wireless sounder Y
* Tamper Zone=xx	Tamper alarm from zone no. XX
* Tech alarm Zn=xx	Alarm from zone XX defined as Technical
Tech rstr Zn=xx	Alarm restored from zone XX defined as Technical
Tmp rstr Sounder=y	Tamper alarm restore from wireless sounder Y
UnOmit Box+Bell	Box + Bell reinstated from omit
UnOmit Zone=xx	Zone no. XX is reinstated from omit
Unknown event	Unknown event alert
User login C=xx	User XX has entered into programming mode. User 99 represents remote programming from the configuration software
* Water Alrm Zn=xx	Flood alarm from zone no. XX
Water rstr Zn=xx	Flood alarm restore on zone no. XX
Z=xx auto bad	Zone self-test failed, zone no. XX
Z=xx auto ok	Zone self-test OK, zone no. XX
Zn=xx Fault	Zone fault event from zone XX
Zn=xx Fault OK	Zone fault event restore from zone XX

* Event message display cannot be suppressed, as specified by EN50131-1-2006.

Appendix D: Web User Application

The Web User Application provides a full interface to your system from a PC, cellular phone or PDA using the WAP portal. Via the Web you can perform a wide range of tasks such as set/unset, zone omit, user code management and output control. .

Logging In

This application is hosted by your service provider behind a secure firewall.

Access your account through the supplied portal address (default: www.riscocloud.com) logging page.

Username: Password: Pass Code:

English

A recognized leader in the global security solutions market, RISCO Group designs, develops, manufactures, and markets end-to-end security solutions. Robust applications and creative wired and wireless systems have raised the bar on commercial, industrial, institutional, and residential security.

In the home and in the workplace, millions of customers depend on RISCO Group's integrated solutions. For over three decades, RISCO Group has developed and manufactured reliable products with professional service and local support that speaks your language – designed and delivered... with care.

RISCO Cloud

Remote Management Applications
That Are Always On

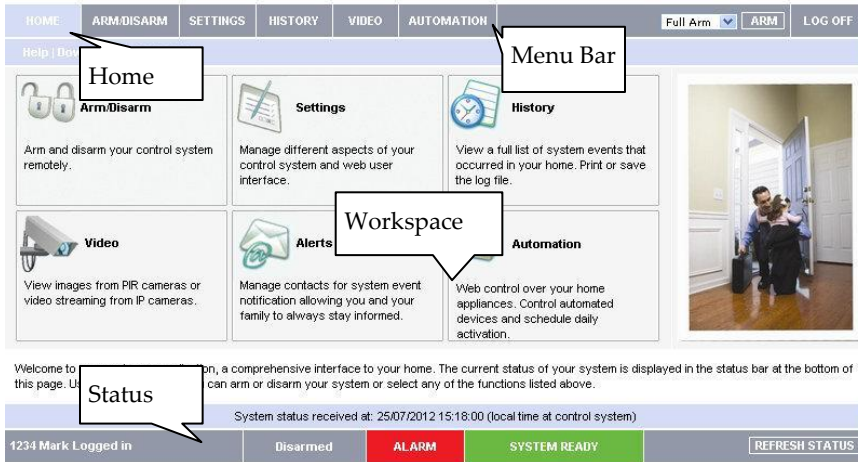
Use this web application to perform a wide range of tasks such as arm/disarm, zone bypass, user code management and home automation control.

Control and schedule automated

Enter your **Username** (email), **Password** and **Pass** (PIN) **Code**: (see *Self registration* page 23) alter the interface language as required and then click **ENTER**.

The Main Page

After logging in, your system's home page is displayed. The following diagram shows the home page and explains the main elements of the web application's interface.



Menu Bar

Use the Menu Bar to access the set/unset application functionality as per the above diagram.

The following options are available from the Main Menu:

- **Home** – pressing the Home button allows the user to return to the Main page at any time
- **Set/Unset** – enables remote system unsetting and (full or partial) setting
- **Settings** – offers various maintenance and management options including user codes, passwords, alerts, and zone omit.
- **History** – enables you to view the system's event log (including snapshots)
- **Video** – enables access, activation and configuration of cameras
- **Outputs** – allows you to control and schedule automated lights and appliances in your home
- **Help** – offers online explanations on how to use the Web Application plus FAQ and customer support options.

Status Bar

The Status bar displays information on your system's status and the name of the user currently logged-in. Above the status bar, the time when the system status display was last updated is shown. This information is displayed according to the local time at the control system. To refresh the current system status, click the REFRESH STATUS button on the right-hand side of the Status bar.

Workspace

The workspace offers additional links to the following pages of the application, including: Users and Codes, History, Alerts, Change Password, Video. When you choose a page, either from the Main Menu, or from the workspace, the page is displayed in the workspace. For example, if you choose Set/Unset from the Main Menu, System Operation area and System Status area are displayed in the workspace (see the figure below).

Home Button

On the main menu, clicking HOME returns you to the Main page.

Setting and Unsetting via the Web Application

The screenshot displays the Agility 3 web application interface. At the top, there is a navigation bar with tabs: HOME, ARM/DISARM, SETTINGS, HISTORY, VIDEO, and AUTOMATION. To the right of these tabs is a dropdown menu for 'Full Arm', 'Part Arm', and 'LOG OFF'. Below the navigation bar is a 'Help' button. The main content area is divided into two sections: 'System Operation' and 'System Status: Disarmed'. The 'System Operation' section contains three buttons: 'Full Arm', 'Part Arm', and 'DISARM'. The 'System Status: Disarmed' section features a large icon of a house with a blue figure inside, representing a person. To the right of the status section is a video feed showing a person sitting on a chair in a room. At the bottom of the interface, a status bar displays the text 'System status received at: 25/07/2012 16:36:40 (local time at control system)'. Below this, there is a row of status indicators: '1234 Mark Logged in', 'Disarmed', 'ALARM', and 'SYSTEM READY'. A 'REFRESH STATUS' button is located on the far right of this row.

Set and unset the system using the System Operation Area buttons or upper-right Set button (with Full Set/Part Set dropdown).



When using the Web application, the system is set with the programmed delay.

On the Status Bar at page bottom, the current system status is displayed (in our example it is **Disarmed(Unset)** and **SYSTEM READY**, which means that the system and all the detectors are working properly and an alarm event has been reported).

Use this tab to specify a variety of application parameters

HOME | ARM/DISARM | **SETTINGS** | HISTORY | VIDEO | AUTOMATION | Full Arm | ARM | LOG OFF

System users and codes | Web interface users and codes | Change Password | Zone Bypass | Change Appearance | Alerts | Descriptors | Help

System users and codes

Manage system users.

Web interface users and codes

Manage web interfaces users.

Change Password

Upon logging on for the first time, change your password to prevent unauthorized access.

Zone Bypass

Displays a list of the zones (i.e. sensors) in your system and allows you to bypass or unbypass them.

Change Appearance

Allows you to choose a colour scheme for your web user interface.

Alerts

Manage contacts for system event notification allowing you and your family to always stay informed.

Welcome to your web user application, a comprehensive interface to your home. The current status of your system is displayed in the status bar at the bottom of this page. Using this application, you can arm or disarm your system or select any of the functions listed above.

System status received at: 25/07/2012 16:38:00 (local time at control system)

1234 Mark Logged in	Disarmed	ALARM	SYSTEM READY	REFRESH STATUS
---------------------	----------	--------------	--------------	----------------

User code management

HOME | ARM/DISARM | **SETTINGS** | HISTORY | VIDEO | AUTOMATION | Full Arm | ARM | LOG OFF

System users and codes | Web interface users and codes | Change Password | Zone Bypass | Change Appearance | Alerts | Descriptors | Help

1	MARK	Master	Edit	
15	FRANK	Controlled	Edit	Delete
16	MARIO	Controlled	Edit	Delete
17	CH BRANCH	Controlled	Edit	Delete
18	SA BRANCH	Controlled	Edit	Delete
19	ES BRANCH	Controlled	Edit	Delete
20	AU BRANCH	Non-controlled	Edit	Delete
21	PHILIPPE	Non-controlled	Edit	Delete
23	IL BRANCH	Non-controlled	Edit	Delete
24	BARUCH	Non-controlled	Edit	Delete
25	EUROPE	Non-controlled	Edit	Delete
ADD NEW USER				

System status received at: 25/07/2012 16:38:00 (local time at control system)

1234 Mark Logged in	Disarmed	ALARM	SYSTEM READY	REFRESH STATUS
---------------------	----------	--------------	--------------	----------------

The Users and Codes page enables you to manage your system's users. The page displays a table of the system's current users and enables you add, edit and delete users as required. Please note that this capability is available only to a user with a Master code, the highest level of authorization.

User Types

Code 1: Master Code

The Master code is the highest user authorization level. With the Master code, you can change all other user codes.

Codes 2-19: Controlled Codes

When you use a controlled user code for setting and unsetting, the system notifies the monitoring service. You can assign these codes to your children or employees whose comings and goings are of interest to you.

Codes 20-25: Non-controlled Codes

Non-controlled codes do not cause the system to send Set/Unset reports to the monitoring service. The system sends an Unset report only if you use this code to unset the system after an alarm occurrence.

Codes 26-27: Limited Codes

A Limited code is a code that is valid for one day only. This code automatically expires 24 hours after it has been programmed. You can assign a limited code to a visiting guest, for example.

Code 28: Duress Code

The Duress code is designed for situations where you are being forced to operate the system. This user code performs the operation selected, while sending a Duress event message to your monitoring service.

Adding a New User

➤ To add a new user:

1. Click **ADD NEW USER** at the bottom of the table; the Add New User page opens.
2. Enter the user's name in the field provided (16 characters max.).
3. Choose the user type from the available options.
4. Enter the new user's 4-digit passcode.
5. Enter the new user's passcode again for confirmation.
6. Enter your Master code.
7. Click Update.

Editing Existing Users

➤ To edit an existing user:

1. Click Edit for the user you want to modify; the Edit User page opens.
2. Edit the user's name in the field provided (16 characters max.). When editing an existing user, you cannot change the user type.
3. Enter the user's 4-digit passcode.
4. Enter the user's passcode again for confirmation.
5. Enter your Master code.
6. Click Update.

Deleting a User

➤ To delete a user:

1. Click **Delete** for the user you want to remove from the table; the confirmation page opens.
2. Click **Yes** to confirm.

Web Interface Users and Codes

The Web Interface Users and Codes page provides a useful tool for managing your system's users. From this page you can add, edit and delete users as required. You can even issue temporary (limited) codes to guests that will expire after 24 hours.

On The Main Page menu, click Settings, then Web Interface Users and Codes, the following page appears:

#	Login Name	Full Name	Email	Edit	Delete
1	marketing	1234 Mark		Edit	
2	esbranch	1919 ES Branch		Edit	Delete
3	leigh	6080 Leigh		Edit	Delete
4	douglas	3333 Douglas		Edit	Delete
5	mario	1616 Holly		Edit	Delete
6	philippe	2121 Philippe		Edit	Delete
7	felleman	2121 Philippe		Edit	Delete
8	israel	2323 IL Branch		Edit	Delete
9	hovov	2424 Hovov		Edit	Delete

ADD NEW

System status received at: 25/07/2012 17:05:00 (local time at control system)

1234 Mark Logged in Disarmed **ALARM** **SYSTEM READY** REFRESH STATUS

Master users can click the **ADD NEW** row to enable creation of a new user, similar to the process of *Self registration*:

HOME	ARM/DISARM	SETTINGS	HISTORY	VIDEO	AUTOMATION	Full Arm	ARM	LOG OFF	
System users and codes Web interface users and codes Change Password Zone Bypass Change Appearance Alerts Descriptors Help									
ADD									
Username *									
Password/Confirm *		/							
Owner User Password *									
First Name									
Middle Name									
Last Name *									
Phone									
Email									
System status received at: 25/07/2012 17:05:00 (local time at control system)									
1234 Mark Logged in	Disarmed	ALARM	SYSTEM READY	REFRESH STATUS					

Verify Password

Change Password

Click Settings then Change Password to change the password you use to login to the Web Application.

HOME	ARM/DISARM	SETTINGS	HISTORY	VIDEO	AUTOMATION	Pass Code:	DISARM	LOG OFF
System users and codes Web interface users and codes Change Password Zone Bypass Change Appearance Alerts Descriptors Help								
CHANGE PASSWORD								
Old Password								
New Password								
Confirm New Password								
SET NEW PASSWORD								
Please enter a new password. Changing your password will not affect your login name.								
System status received at: 26/07/2012 14:40:00 (local time at control system)								
1234 Mark Logged in	Full Armed	ALARM	REFRESH STATUS					

Zone Omit

On The Main Page menu, click **SETTINGS** then **Zone Omit** to omit specified zones in your home that you don't want to receive event messages from. The Zone Omit page displays a list of the zones (i.e. sensors) in your system and allows you to omit them or unomit them as required. An omitted zone is ignored by the system and will not generate an alarm when triggered. To "unomit" is to restore the zone - effectively instructing the system to monitor activity from that zone.

All omitted zones are automatically unomitted when the system is disarmed.

Why would you need to omit a zone?

If a window or door has been left open, the system status will appear as "Not Ready". Nevertheless, you may want to set the rest of the system and close that window or door when you arrive home. To do so, you must omit the zone.

To restore a omitted zone to normal operation, you can "unomit" the zone.

HOME

ARM/DISARM

SETTINGS

HISTORY

VIDEO

AUTOMATION

Pass Code:

DISARM

LOG OFF

System users and codes | Web interface users and codes | Change Password | **Zone Bypass** | Change Appearance | Alerts | Descriptors | Help

ZONE BYPASS

#	Name	State	Trouble	Action
1	ENTRANCE	Ready	No	☐ Bypass
2	CORRIDOR 1	Ready	Yes	☐ Bypass

UPDATE

Please click "Update" or "Refresh Status" to view current bypassed zones.

System status received at: 26/07/2012 14:59:10 (local time at control system)

1234 Mark Logged in

Full Armed

ALARM

REFRESH STATUS

Change Appearance

On The Main Page menu, click **SETTINGS** then **Change Appearance** to change the color scheme of your account.

HOME

ARM/DISARM

SETTINGS

HISTORY

VIDEO

AUTOMATION

Pass Code:

DISARM

LOG OFF

System users and codes | Web interface users and codes | Change Password | Zone Bypass | **Change Appearance** | Alerts | Descriptors | Help

APPEARANCE

Select Color Scheme:

BOXER

FOREST

CHERRY

SET

SET

SET

OPAL

DAWN

DUSK

System status received at: 26/07/2012 14:59:10 (local time at control system)

1234 Mark Logged in

Full Armed

ALARM

REFRESH STATUS

Alerts

The Alerts feature allows those people included in your contact list to be notified by email when certain events occur.

➤ To add alert notification recipients to your contact list

1. On the SETTINGS tab, click the Alerts sub-menu to display the following:

HOME	ARM/DISARM	SETTINGS	HISTORY	VIDEO	AUTOMATION	Full Set	SET	LOG OFF
System users and codes Web interface users and codes Change Password Zone Bypass Change Appearance Alerts Descriptors Time								
Zone Help								
ALERTS								
Name	Email	SMS Phone	Test	Edit	Delete			
Mr Chris	chris.denton@riscogroup.co.uk		Test	Edit	Delete			
Chris Dove	chris.dove@riscogroup.co.uk		Test	Edit	Delete			
ADD NEW								
System status received at: 04/04/2013 10:47:42 (local time at control system)								
Chris UK Logged in			Disarmed		SYSTEM READY		REFRESH STATUS	

2. Click ADD NEW to add email addresses for the alert messages or click Edit to modify and existing alert recipient

HOME	ARM/DISARM	SETTINGS	HISTORY	VIDEO	AUTOMATION	Pass Code:	DISARM	LOG OFF
System users and codes Web interface users and codes Change Password Zone Bypass Change Appearance Alerts Descriptors Help								
ALERTS ADD NEW CONTACT								
Name								
Email								
Mobile Phone #								
Alert Language English								
Events	Email	SMS						
Arm/Disarm	☐	☐						
Fire	☐	☐						
Burglary	☐	☐						
System status received at: 26/07/2012 16:16:00 (local time at control system)								
1234 Mark Logged in			Full Armed		ALARM		REFRESH STATUS	

3. In the Name field, enter the name of the contact to receive alerts.
4. In the Email field, enter the email address for email alerts.
5. Alter the Alert Language specification as needed
6. To start receiving the events messages, in the area below, select the checkboxes according to the event type.
7. Test the alerts you have programmed by clicking the Test button on the Alerts page near the newly added alert.

HOME

ARM/DISARM

SETTINGS

HISTORY

VIDEO

AUTOMATION

Full Arm

ARM

LOG OFF

System users and codes | Web interface users and codes | Change Password | Zone Bypass | Change Appearance | Alerts | **Descriptors** | Help

DESCRIPTORS

Zones - Peripheral Detectors

#	Zone Type	Name	
1	PIRCAM	ENTRANCE	Edit
2	PIRCAM	CORRIDOR 1	Edit

Save and update | Cancel



System status received at: 26/07/2012 16:39:02 (local time at control system)

4234 Mark Logged in | Disarmed | **ALARM** | SYSTEM READY | REFRESH STATUS

Event Log History

The History page displays a log of events that have occurred within your system. For each event you can view the date and time that the event occurred, a description of the event and the user or device that caused the event. Additionally, you can see whether or not the event was reported to your monitoring service. When the log is full, the oldest events are automatically purged and are replaced by new events.

In addition to viewing the event log, you may also save the log to a file (HTML, PDF or TXT) or print the log.



For further details on how to use the Web Application, refer to the Help menu included in the application.

To view the system's event log:

- Click the History tab to display the following:

HOME

ARM/DISARM

SETTINGS

HISTORY

VIDEO

AUTOMATION

Full Arm

ARM

LOG OFF

Help

HISTORY [Refresh log](#)

(Last updated at 26/07/2012 16:37:52)

Description	Zone/User/Device	Local time at control system	Reported
Open After Alarm	'FRANK' WEB	26/07/2012 16:43:00	Yes
Alarm	'CORRIDOR 1'	26/07/2012 16:43:00	Yes
Alarm	'ENTRANCE'	26/07/2012 16:43:00	Yes
Full Arm	'FRANK' WEB	26/07/2012 16:43:00	Yes
Web User Snapshot	'MOSHE' 'ENTRANCE'	26/07/2012 16:28:00	Yes
Open After Alarm	'MOSHE' WEB	26/07/2012 16:25:00	Yes
Alarm	'CORRIDOR 1'	26/07/2012 16:20:00	Yes

Save history log as: ☐ HTML ☒ PDF ☐ TXT

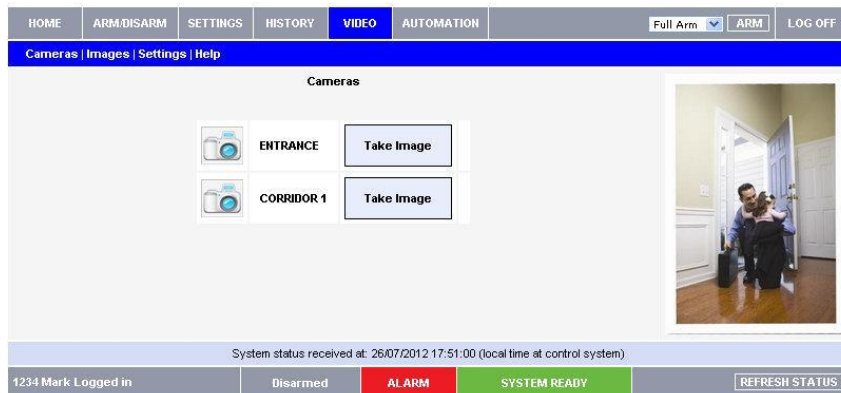


System status received at: 26/07/2012 16:55:00 (local time at control system)

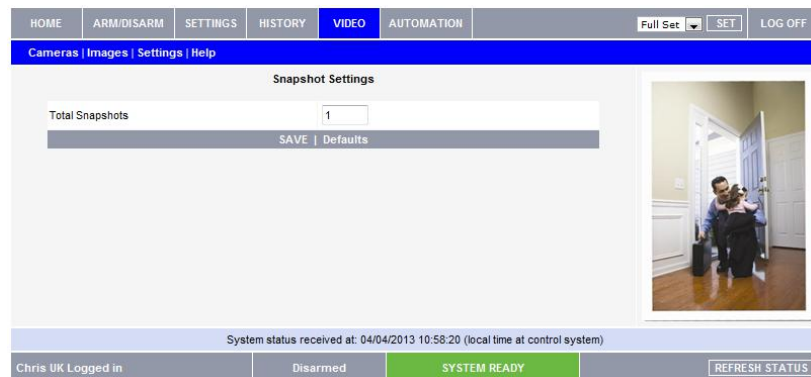
4234 Mark Logged in | Disarmed | **ALARM** | SYSTEM READY | REFRESH STATUS

Video Verification

Using the 2-way wireless video verification PIR detectors installed in your home, the Web Application enables you to view live images over the Web through the **Cameras** sub-menu. Use the **Images** sub-menu to browse Stored Video Events images.



Use the **Settings** sub-menu to configure your as follows:



Camera Parameters (Only for 2 Way eyeWAVE PIR Cameras)

Image Resolution	QVGA(1)	QQVGA (160X120) QVGA (320X240) VGA (640X480)
-------------------------	---------	--

Specifies image size, as defined by pixel resolution.

Image Quality	High(1)	High/Low
----------------------	---------	----------

Specifies the extent of jpeg image lossy compression (Low=more compression, smaller file size; High=less compression, larger file size)

Colored Image	YES(1)	YES/NO
Specifies whether the captured and transmitted photographic image is to be color or black and white.		
Flash	YES(1)	YES/NO
Specifies if an image capture is to be enhanced with a light flash.		
Total Snapshots	2(2)	(1-9)
Specifies the number of snapshots to be taken in response to a triggering event .		
Use Difference Snapshots	YES(1)	YES/NO
When multiple snapshot images are transmitted, selecting this option results in a transmission file size which has been minimized as a result of being subject to a jpeg image lossy compression algorithm.		
Time between snapshots	.5 seconds(1)	0.1–2 seconds
Specifies the elapsed time between snapshots.		
(1) Configurable by Engineer only		
(2) Configurable by Engineer and User		
Discuss this capability with your security service provider to determine if it is applicable to your system.		

Home Automation/Outputs

The Web Application allows you to control and schedule up to 16 automated lights and appliances in your home. The application offers a comprehensive interface that enables you to view the settings for all of your automated devices at once. Additionally, you can add, edit or delete devices from the comfort of your PC. The Automation/Output page displays a table of your outputs and each output's scheduled settings.

Discuss this capability with your security service provider to determine if it is applicable to your system.

HOME	ARM/DISARM	SETTINGS	HISTORY	VIDEO	AUTOMATION	Full Arm	ARM	LOG OFF
Help								
AUTOMATION								
#	Device Name	Device Settings	State	Edit	Delete	Action		
1	PGM#1	PGM Momentary	N/A			Unchanged		
2	PGM#2	PGM Momentary	N/A			Unchanged		
						Turn On		
						Update		
System status received at: 29/07/2012 07:23:00 (local time at control system)								
1234 Mark Logged in		Disarmed		ALARM		SYSTEM READY		REFRESH STATUS

➤ **To control automated outputs:**

1. In the Action column, choose **Turn On** or **Turn Off** for the outputs that you wish to control.
2. Click **Update**.

➤ **To add a new device:**

1. Click **Add New** (located at the bottom of the device table); the **Edit Device** page opens.
2. Choose the device number and enter the output(device) name (16 characters max.) in the fields provided.
3. Choose the times that you want the output(device) to turn on and off automatically.
4. Check the days of the week on which you want the schedule to be active.
5. Click **Update**.

➤ **To edit an existing device:**

1. Click **Edit** for the device you want to set; the **Edit Device** page opens.
2. Choose the device number and enter the device name in the fields provided.
3. Choose the times that you want the device to turn on and off automatically.
4. Check the days of the week on which you want the schedule to be active.
5. Click **Update**.

➤ **To delete a device:**

1. Click **Delete** for the device you want to remove from the table; the confirmation page opens.
2. Click **Yes** to confirm.

FCC Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- a) Reorient or relocate the receiving antenna.
- b) Increase the separation between the equipment and receiver.
- c) Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- d) Consult the dealer or an experienced radio/TV technician.

FCC Warning:

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC ID: JE4AGILITY Valid for P/N RW132V441ENA

IC: 6564A-AGILITY Valid for P/N RW132V441ENA

RISCO Group Limited Warranty

RISCO Group and its subsidiaries and affiliates ("Seller") warrants its products to be free from defects in materials and workmanship under normal use for 24 months from the date of production. Because Seller does not install or connect the product and because the product may be used in conjunction with products not manufactured by the Seller, Seller cannot guarantee the performance of the security system which uses this product. Seller's obligation and liability under this warranty is expressly limited to repairing and replacing, at Seller's option, within a reasonable time after the date of delivery, any product not meeting the specifications. Seller makes no other warranty, expressed or implied, and makes no warranty of merchantability or of fitness for any particular purpose.

In no case shall seller be liable for any consequential or incidental damages for breach of this or any other warranty, expressed or implied, or upon any other basis of liability whatsoever.

Seller's obligation under this warranty shall not include any transportation charges or costs of installation or any liability for direct, indirect, or consequential damages or delay.

Seller does not represent that its product may not be compromised or circumvented; that the product will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the product will in all cases provide adequate warning or protection. Buyer understands that a properly installed and maintained alarm may only reduce the risk of burglary, robbery or fire without warning, but is not insurance or a guaranty that such event will not occur or that there will be no personal injury or property loss as a result thereof.

Consequently seller shall have no liability for any personal injury, property damage or loss based on a claim that the product fails to give warning. However, if seller is held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause or origin, seller's maximum liability shall not exceed the purchase price of the product, which shall be complete and exclusive remedy against seller.

No employee or representative of Seller is authorized to change this warranty in any way or grant any other warranty.

WARNING: This product should be tested at least once a week.