

RisControl Smart Home Gateway

User Manual



Model: RP432KPTZ/RP432KPTP

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INTRODUCTION

RisControl is a high-resolution Smart Touchscreen Keypad with an intuitive, easy to navigate user interface. RisControl combines standard keypad functionality with the ability to operate RISCO's Smart Home cloud-based solution, and alarm and video, from one customizable screen.



Figure 1: RisControl

The RisControl can be used in 3 operation modes, as follows:

- **Smart Home + Security** –RisControl is connected to a control panel via the RS-485 bus. For Smart Home operation, RisControl is connected to other RisControl units and to the RISCO Cloud via Wi-Fi
- **Smart Home Only**–RisControl is connected to other RisControl units (and to the RISCO Cloud) via Wi-Fi
- **Security Only**- RisControl is connected to a control panel via the RS-485 bus and to the RISCO Cloud via Wi-Fi

OPERATING THE RISCONTROL

Entering RisControl

When not in use, the RisControl is in Screen Saver mode (*see SCREEN SAVER, page 17*). When the user clicks anywhere on the screen while the RisControl is in Screen Saver mode, the RisControl exits the mode and switches to the “Favorites Screen”.

Notes:

1. *If there are no items in the Favorites screen, the Scenes screen will be displayed. If there are no items in the Scenes screen, the Rooms screen will be displayed.*
2. *When operating in Security Only mode, you may be prompted to enter a PIN CODE or hold a Proximity Tag close to the proximity sensor on the RisControl. RisControl will return to the screen saver following a predefined “idle” time (Session Timeout) during which the screen has not been touched.*

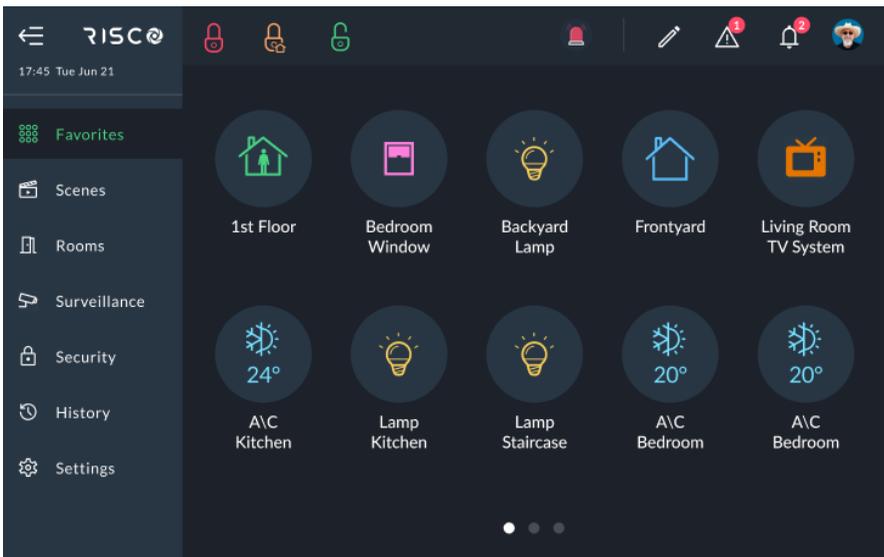


Figure 2a: RisControl Smart Home + Security Opening Screen

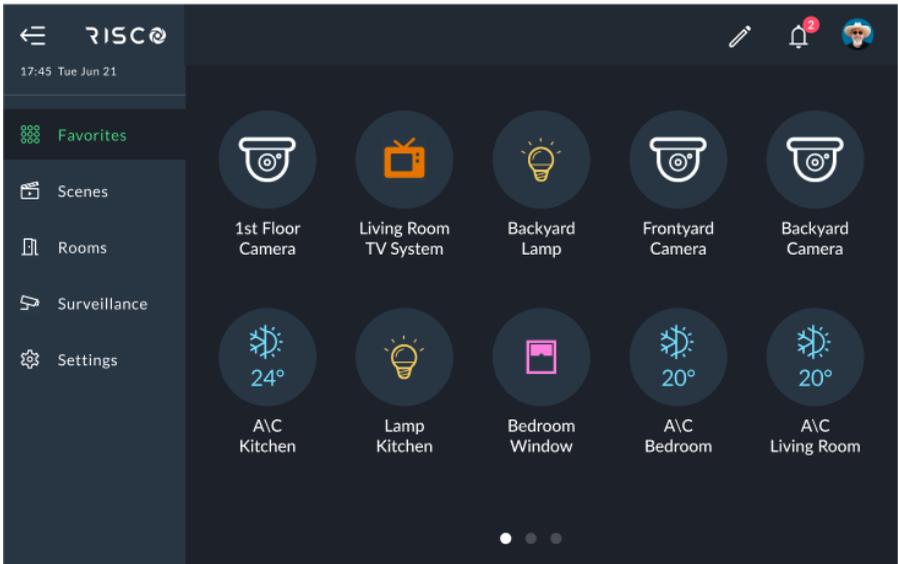


Figure 2b: RisControl Smart Home Only Opening Screen

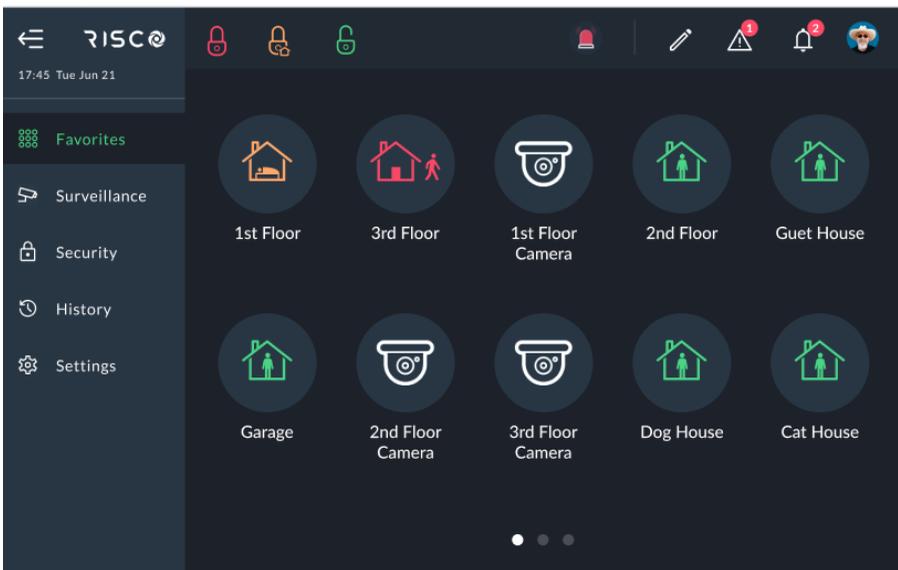


Figure 2c: RisControl Security Only Opening Screen

The “RisControl Session”

The “RisControl Session” is the duration of time after which the RisControl will return to the Screen Saver mode. It starts immediately after the Screen Saver screen is touched and opens, and it ends automatically following a predefined “idle” time (Session Timeout) during which the screen has not been touched. “Session Timeout” is defined in “Settings” (page 60).

RisControl Main Menu

The RisControl main menu, on the left side of the screen, allows the user to navigate the various menus as required.

The main menu is always displayed on the screen and the user can decide to use the expanded mode, where the text description of each menu appears next to the menu icon, or, in its collapsed mode, where only the icons of the menu items appear.

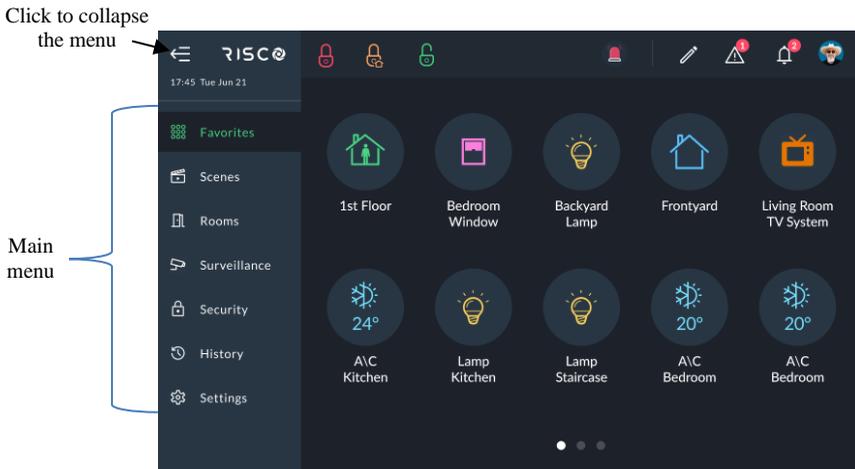


Figure 3: Main Menu (expanded mode)

The user can click the  button, at the top left corner of the screen to change the menu mode of display. When the main menu is collapsed, it will appear as shown below.

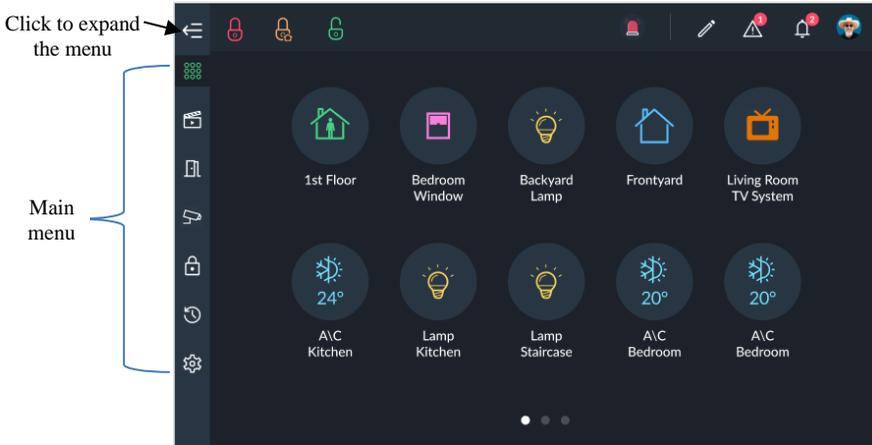


Figure 4: Main Menu (collapsed mode)

RisControl Top Bar

The “RisControl Top Bar” appears at the top of numerous RisControl Screens with slight variations from screen to screen.



Figure 5: Top Bar of the Opening Screen



The End-User’s Avatar

The End-User’s Avatar appears at the right side of the top bar of all the screens. You can select your own avatar as described in “Users and Permission Settings”, “Add a User” section (page 66).

Note: The Avatar is displayed only after a PIN CODE is entered or a Proximity Tag is held close to the proximity sensor on the RisControl.

Manual termination of the RisControl Session – You can terminate the current RisControl Session (to prevent the open screen of the RisControl from being used by an unauthorized user). Click the avatar and then click “Lock Screen”.

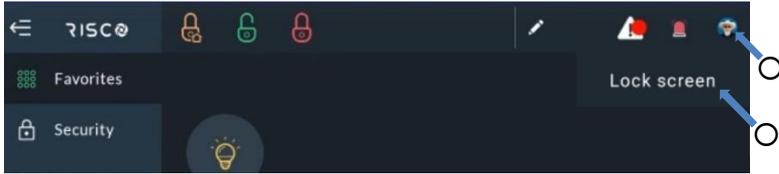


Figure 6: Manual Locking of the RisControl Session



- Arm/Partial Arm/Disarm buttons

When clicked, these buttons will Arm, Partial Arm or Disarm all the partitions that are associated with the user that is currently logged in.

***Note:** After clicking the Arm/Disarm button, you may be prompted to enter a PIN CODE or hold a Proximity Tag close to the proximity sensor on the RisControl.*



- Trouble and Notifications icons

These icons will appear whenever there are one or more troubles or notifications in the RisControl. Once displayed, they will appear in any of the menu screens.

Using Proximity Tags*

The RisControl includes a Proximity Reader that allows using a Proximity tag to operate the system. By holding a personal Proximity tag close to the Proximity Reader of a RisControl Proximity-supported keypad (Model: RP432KPTP), it functions the same as entering a personal user code.

Note: A User must be assigned either a PIN Code, a Proximity Tag or both

* Applicable to model RP432KPTP only



Figure 7: RisControl Screen with Proximity Tag Reader

Troubles Management

Click the Trouble icon  in the Top Bar of the RISCO Cloud to open a list of all the Troubles that exist in the system, as show in the example below.

Note: The Trouble icon will appear only when there are Trouble messages.

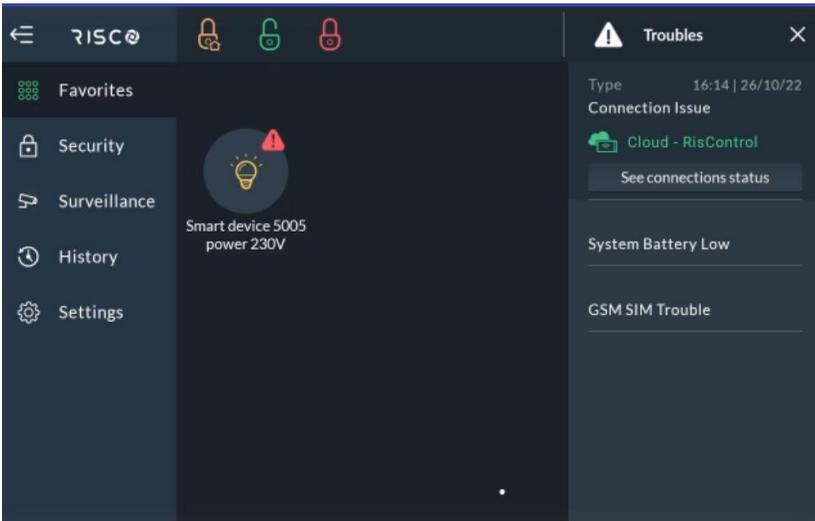


Figure 8: Troubles List

Communication troubles

The communication Troubles are applicable to the following connections:

- RisControl to RISCO Cloud
- RisControl to Security Panel
- Security Panel to RISCO Cloud
- RisControl to Wi-Fi router

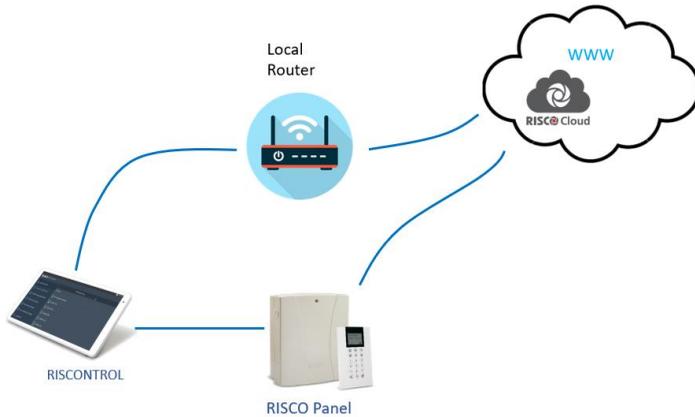


Figure 9: Communication Troubles Flow

Troubles related to communication failure will be listed first, pinned to the top of the list.

Click the “See Connection Status” button in the Troubles List; a popup is displayed, indicating the status of each of the connections.

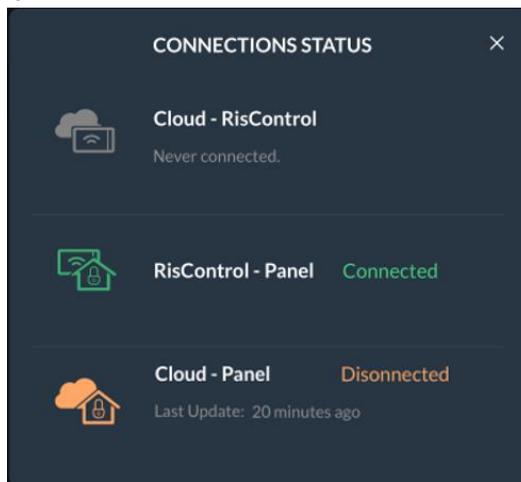


Figure 10: Communication Troubles Screen

Confirm Troubles (Security Only mode)

Note: This section is applicable only to Grade-2 and Grade-3 installations. Users of lower grade installations can skip to the next section.

Some of the troubles in Grade-2 and Grade-3 installations must be “confirmed” by the user. When such troubles exist in the system, the “Confirm all troubles” button will appear at the bottom of the trouble list.

1. Click the “Confirm all troubles” button in the Troubles List.

Note: By clicking the “Confirm all troubles” button, you declare that you have seen and understood the meaning of all the troubles. A series of screens will be displayed, concluding with the removal of the troubles (that require confirmation) from the list. However, only troubles that have been restored can be confirmed. For example, a Battery Low trouble cannot be confirmed before the battery is replaced with a good one (and the “Battery Low Restored” flag is set in the system).

The following popup message will be displayed.

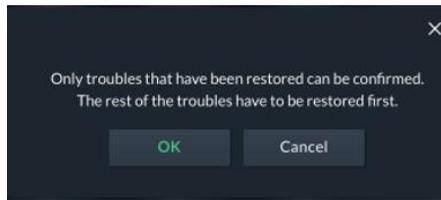


Figure 11: Confirm Troubles

2. Click the “OK” button.

All restored troubles will disappear from the Trouble List. The other troubles will remain in the list.

Notifications Management

Click the Notifications icon  in the Top Bar of the RisControl to open a list of all the notifications that are applicable to the RisControl, as shown in the example below.

Note: The Notifications icon will appear only when there are Notification messages.

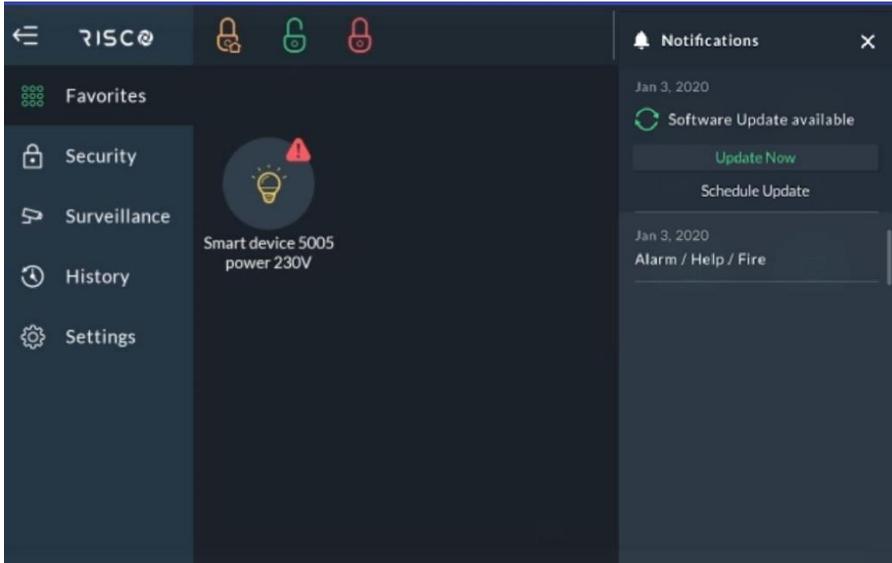


Figure 12: Notification List

Software Update Notification

Whenever a Software Update is available, it will be pinned to the top of the Notifications list. The user can click the “Update Now” button to start the process or click the “Schedule Update” button for future update.

Note: This procedure is like the one described in “System Information” (page 63).

Confirm Alarms

Note: This section is applicable only to Grade-2 and Grade-3 installations. Users of lower grade installations can skip to the next section.

Some of the alarms in Grade-2 and Grade-3 installations must be “confirmed” by the user. In this case, the “Confirm all alarms” button will appear at the bottom of the alarm list.

1. Click the “Confirm all alarms” button.

Note: By clicking the “Confirm all alarms” button, the user declares that they have seen and understood the meaning of all the alarms.

The following popup message will be displayed.

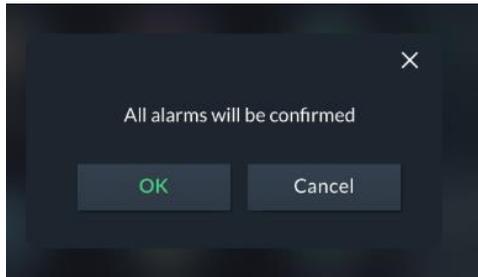


Figure 13: Confirmed Alarms Screen

2. Click the “OK” button, to approve the confirmation or “Cancel” to cancel it.

SCREEN SAVER

The RisControl enters Screen Saver mode at the end of the session timeout in which the screen has not been touched. In this case, RisControl will display any one of a variety of screens as selected by the Grand Master (*see page 62*).



Figure 14: Screen Saver Screen

Exit/Entry Screen Saver Mode

To exit the Screen Saver mode, simply touch the screen. The RisControl will switch to the “Favorites Screen”.

The RisControl will switch back to the Screen Saver mode at the end of the session timeout in which the screen has not been touched, or if the avatar/lock screen is clicked.

Screen Saver During Alarm

Following an alarm that has been triggered in the system, the RisControl will exit the Screen Saver mode and the following screen will be displayed:

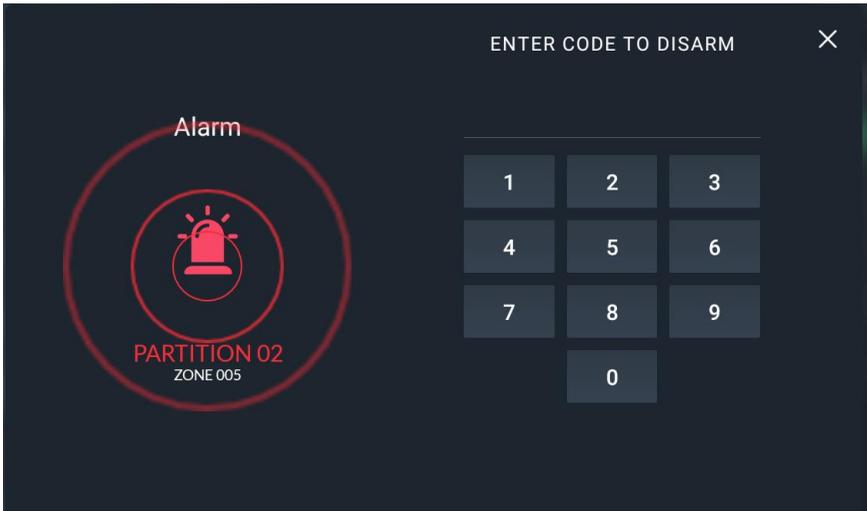


Figure 15: Screen Saver during Alarm Screen

Enter your PIN CODE or hold a Proximity Tag close to the proximity sensor on the RisControl to disarm the alarm.

FAVORITES SCREEN

The Favorites Screen allows you to set shortcuts to all frequently used or favorite activities in one screen, without having to navigate multiple screens to access them.

Using the Favorites Screen

When the user enters the RisControl, the Favorites Screen opens.

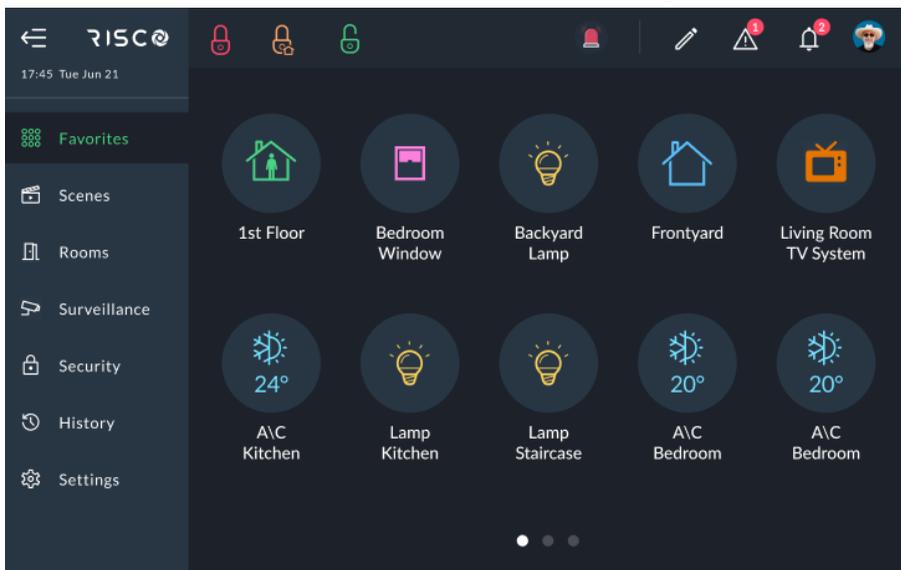


Figure 16: Favorites Screen

- You can click any of the buttons on the Favorites Screen
- You can click Partition buttons to arm/disarm the corresponding partition
- You can click Camera buttons to open the camera view screen
- You can click the Utility Outputs shortcuts to activate the operation of their corresponding Utility Outputs.

Notes:

1. Security related activities, such as Cameras and Partitions, require entering a PIN Code or hold a Proximity Tag close to the proximity sensor on the RisControl.
2. The Partitions shortcut buttons indicate the status of the partitions using colors and texts, as described in “Security” (see page 38).

Editing the Favorites Screen

A user can edit the Favorites Screen.

Click the pencil icon at the top of the screen  to enter edit mode of the Favorites Screen.

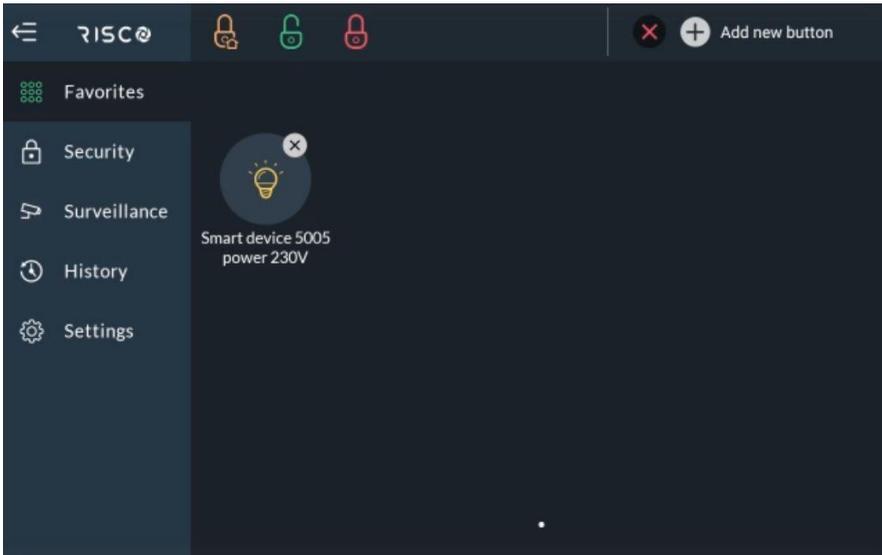


Figure 17: Favorites Screen – Edit Mode

Adding Shortcut Buttons to the Favorites Screen

The user can add shortcut buttons to the Favorites Screen.

Note: A Favorites Screen that has at least one shortcut button will be the default screen that is displayed after exiting the screen saver.

Click “+ Add new button”, the “Add Buttons to Favorites Screen” will be displayed.

Note: The user can return to the empty Favorites Screen, at any time, by clicking “Favorites” in the main menu.

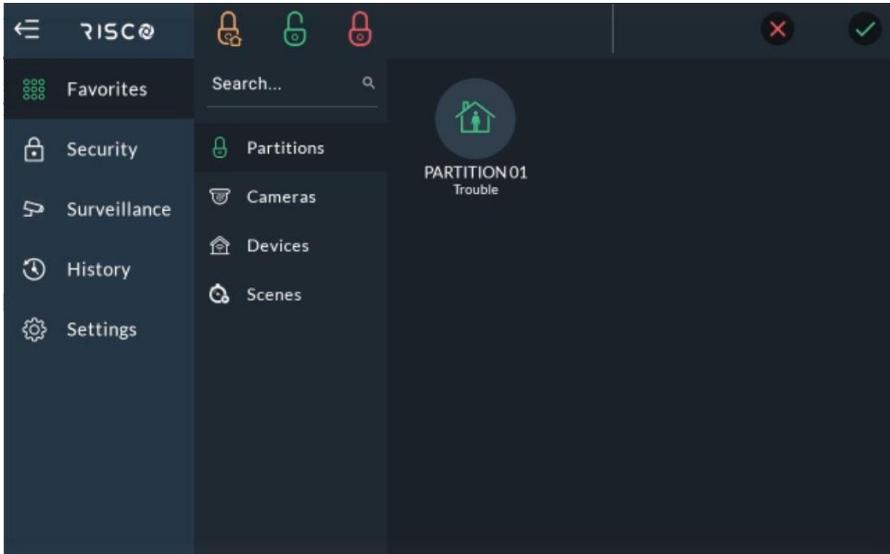


Figure 18: Favorites Screen – Adding Shortcut Buttons

This screen is divided into the following side tabs:

- Partitions
- Cameras
- Devices
- Scenes

Adding Cameras Buttons to the Favorites Screen

1. Click the Cameras side tab to open the list of cameras.
2. Click the bubble icons of the cameras that you wish to add to the Favorites Screen.

Adding Devices and Utility Outputs Buttons to the Favorites Screen

1. Click the Devices side tab to open the list of devices and utility outputs.
2. Click the bubble icons of the Utility Outputs that you wish to add to the Favorites Screen.

Adding Scenes Buttons to the Favorites Screen

All the displayed buttons will have a “V” inside the bubble icon. If no Scenes are available or no Scenes have been defined for the user, the screen will be empty.

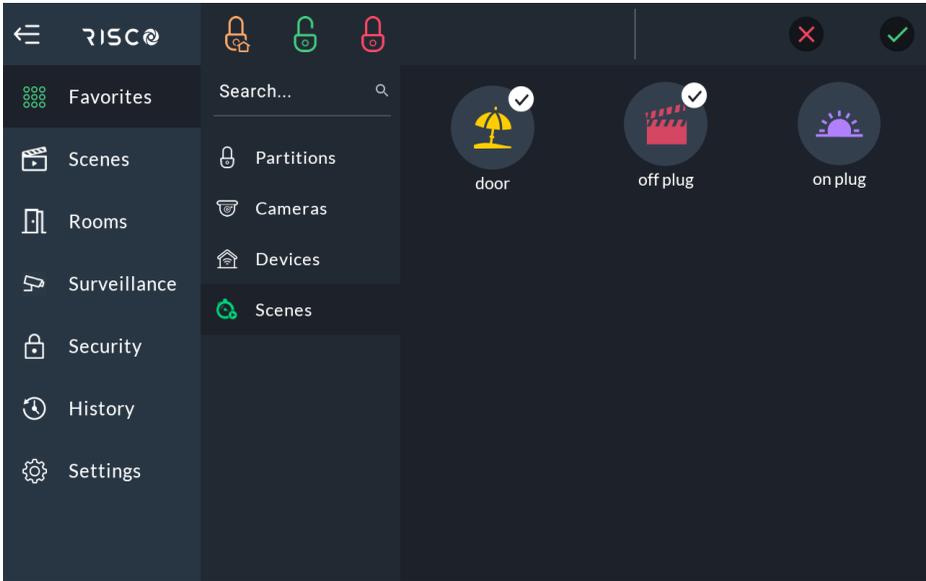


Figure 19: Favorites Screen – Adding Scenes Buttons

Partitions in the Favorites Screen

-  A partition with a “V” inside a bubble icon will be added to the Favorites Screen
-  A partition with a blank bubble icon will not be added to the Favorites Screen

Note: The user can click the bubble icons of Partitions, Cameras and Utility Outputs to be added to the Favorites Screen. These selections are per RisControl and will be displayed on the Favorites Screen after each entry to this specific RisControl.

Removing Shortcut Buttons from the Favorites Screen

Click any of the shortcut buttons with an “x” inside the bubble icon; the shortcut button is removed from the Favorites Screen.

Using the Shortcut Buttons from the Favorites Screen

Using shortcut buttons from the Favorites Screen is similar to using the corresponding buttons in the Security and Cameras Screens (*see SECURITY, page 38*).

Incoming Alarm on the Favorites Screen

If an alarm is initiated in any of the partitions assigned to the RisControl, the alarm will appear as a floating button at the bottom right of the Favorites Screen, as shown below.

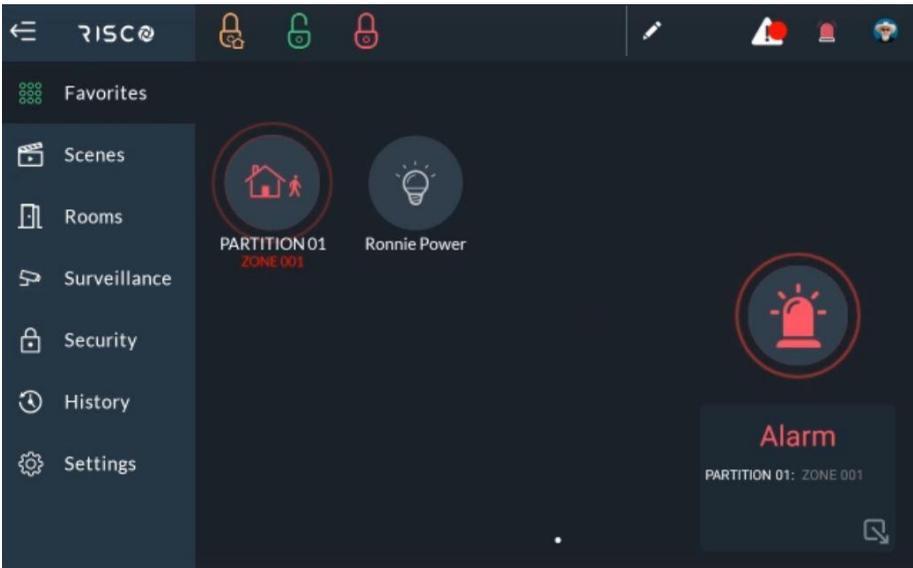


Figure 20: Incoming Alarm Floating Button

The name of the Zone/Partition that triggered the alarm is indicated under the floating button. However, if there is more than one source of alarm then “Multiple Alarms” are indicated. The user can always view the cause of the alarms in the Favorites Screen or Security Screen.

- Click the  button at the bottom right corner of the screen to minimize the Floating Alarm button and allow the user to use the other buttons.
- Click the  button to restore the Floating Alarm button to its original size.
- Click the Floating Alarm button to open the RisControl Security/Partitions Screen, where the user can view the full state of the alarm.

Note: When the Floating Alarm button appears on the screen, the user can click on any of the buttons in the Favorites Screen except for the buttons that are covered by the floating alarm button.

SCENES

The Scenes menu displays icons for rules that you manually activate and that were previously created from the Settings menu (*see Manual Rule, page 80*). Each new Scene (manual rule) is placed automatically in the Scenes screen.

Note: You can delete Scenes only from the Settings menu.

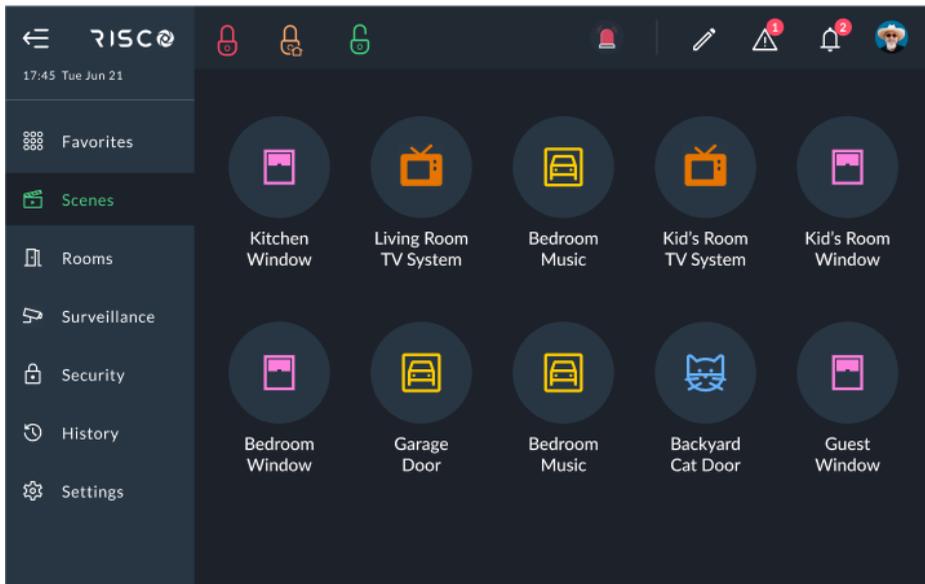


Figure 21: Scenes Screen

Changing the order of Scenes

You can change the order of the Scenes icons on the screen.

1. Click the pencil icon , as shown at the top of the previous screen.

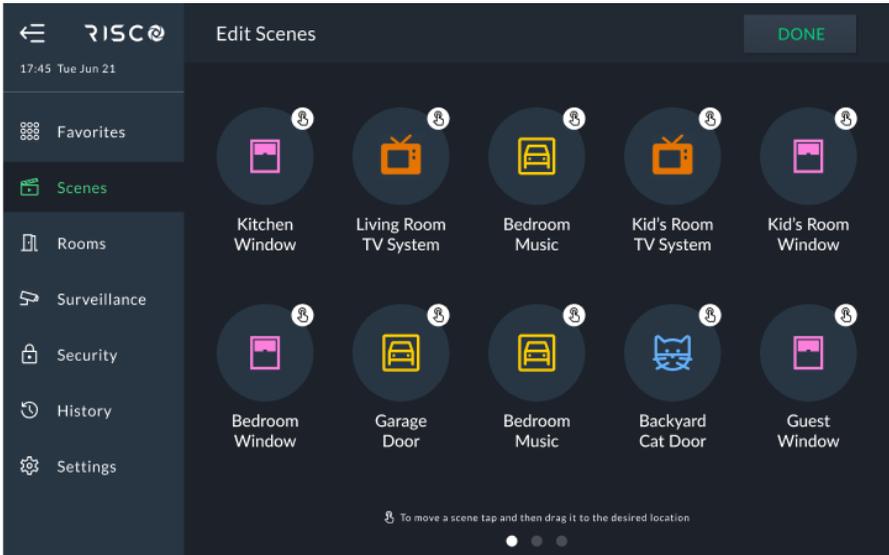


Figure 22: Changing the Order of the Scenes Screen

2. Click and hold any of the icons on the screen and move them to a different position.

Note: *The order of the Scenes in the Scenes screen can be set differently on each RisControl.*

ROOMS

Rooms are entities that are defined by the Installer via the RISCO Cloud. The Overview room is a fixed room and is always on the top left of the screen and includes all the Scenes and Smart Home devices that are defined in the system (the Overview room cannot be modified).

The Rooms Screen

1. Click the Rooms menu; the following screen is displayed.

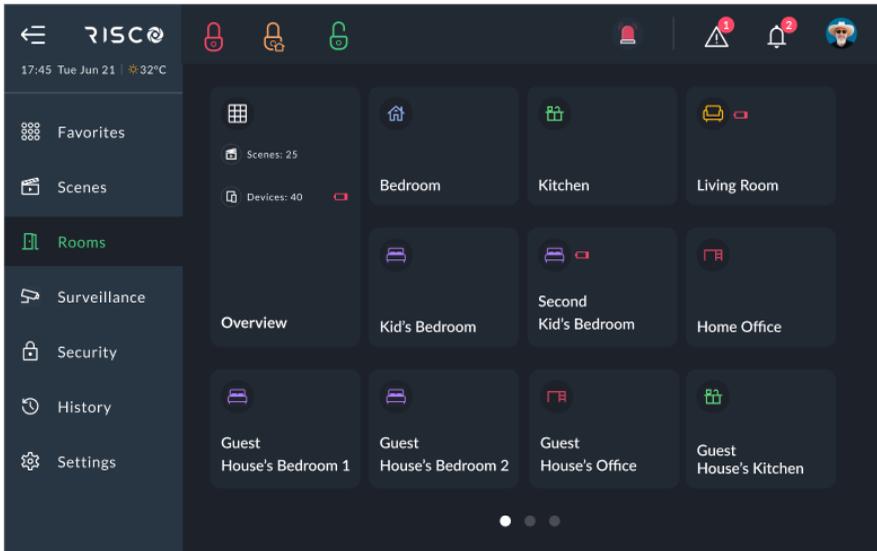


Figure 23: Rooms Screen

2. Click a Room icon; a list is displayed of Scenes and Smart Home devices that are assigned to this room.

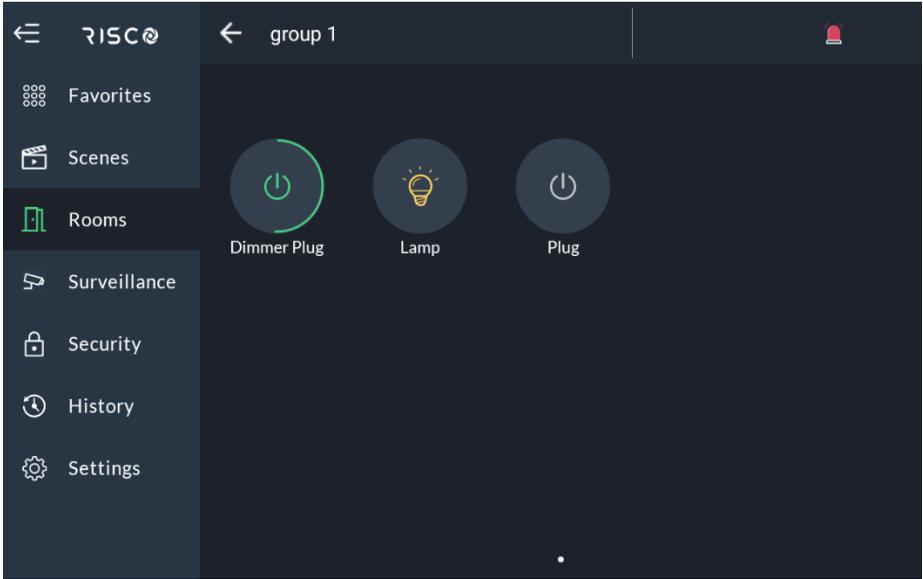


Figure 24: Smart Home Devices Type Screen

3. The devices of the selected room are displayed.
The rooms containing the searched device name or part of the name will be displayed.

Device Buttons Operations and Information

Operations

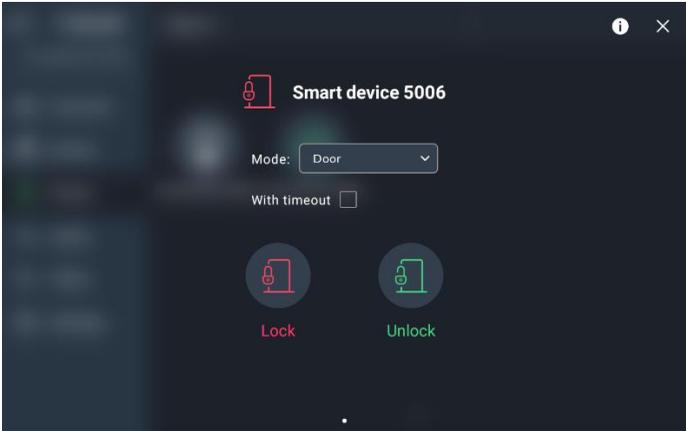
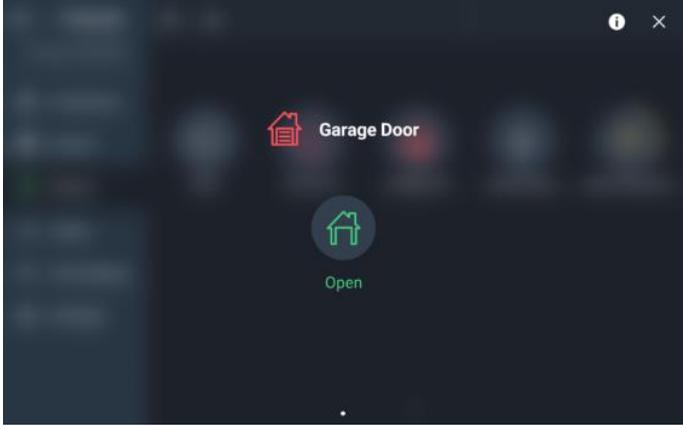
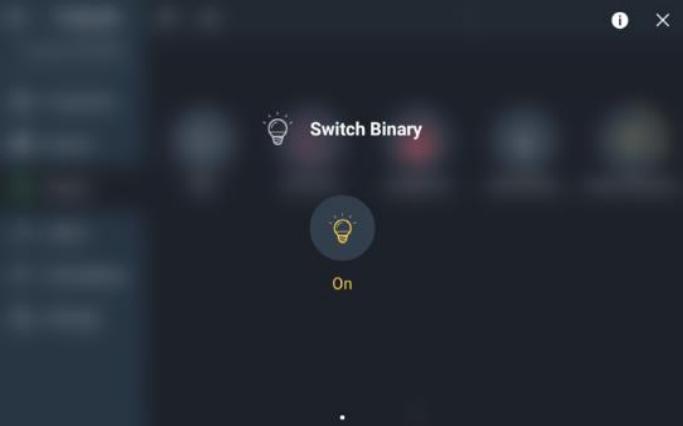
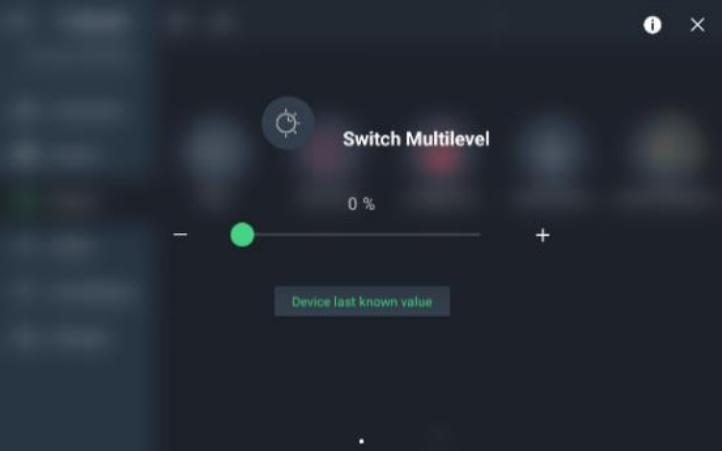
Icon	Operation*
	Basic function allows to operate the device with On/Off functionality using (<i>COMMAND_CLASS_BASIC</i>)
	<p>Basic function allows you to open/close the Door using (<i>COMMAND_CLASS_DOOR_LOCK</i>)</p>  

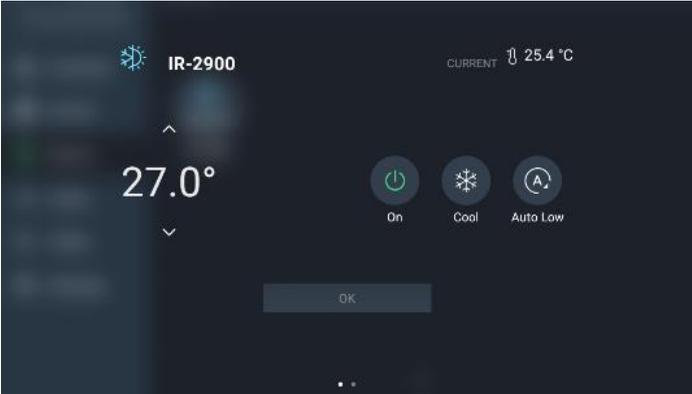
Figure 25: Door Lock Operation Screens

Icon	Operation*																								
	<p>Mode of operation: The mode selection will depend on the operation type of the door lock that is set by the installer as described in the table below:</p> <table border="1" data-bbox="232 272 983 536"> <thead> <tr> <th>Mode Description</th> <th>Operation Type</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>Door Unsecured</td> <td>Constant</td> <td>1</td> </tr> <tr> <td>Door Unsecured with timeout</td> <td>Timed</td> <td>1</td> </tr> <tr> <td>Door Unsecured for inside Door Handles</td> <td>Constant</td> <td>1</td> </tr> <tr> <td>Door Unsecured for inside Door Handles with timeout</td> <td>Timed</td> <td>1</td> </tr> <tr> <td>Door Unsecured for outside Door Handles</td> <td>Constant</td> <td>1</td> </tr> <tr> <td>Door Unsecured for outside Door Handles with timeout</td> <td>Timed</td> <td>1</td> </tr> <tr> <td>Door Secured</td> <td>Constant</td> <td>1</td> </tr> </tbody> </table> <p>If you don't see the timeout option then go to the cloud and change the operation type time in the cloud.</p> <p>Click and hold to receive the following information:</p>  <p>The screenshot shows a dark-themed information screen with a close button (X) in the top right corner. On the left side, there is a red circular icon containing a door lock symbol. The screen displays the following information: <ul style="list-style-type: none"> Device Type: DOOR Version: v1.3 HOP6.81 RSSI: (represented by a Wi-Fi signal icon) Serial Number: 111 At the bottom center, there is a green button labeled "BACK". </p>	Mode Description	Operation Type	Version	Door Unsecured	Constant	1	Door Unsecured with timeout	Timed	1	Door Unsecured for inside Door Handles	Constant	1	Door Unsecured for inside Door Handles with timeout	Timed	1	Door Unsecured for outside Door Handles	Constant	1	Door Unsecured for outside Door Handles with timeout	Timed	1	Door Secured	Constant	1
Mode Description	Operation Type	Version																							
Door Unsecured	Constant	1																							
Door Unsecured with timeout	Timed	1																							
Door Unsecured for inside Door Handles	Constant	1																							
Door Unsecured for inside Door Handles with timeout	Timed	1																							
Door Unsecured for outside Door Handles	Constant	1																							
Door Unsecured for outside Door Handles with timeout	Timed	1																							
Door Secured	Constant	1																							

Figure 26: Door Lock Information Screen

Icon	Operation*
 <p>Garage Door</p>	<p>Allows you to open/close the Door using (<i>COMMAND_CLASS_BARRIER_OPERATOR</i>)</p> <p>Long click on the icon: provides additional functionality and information.</p>  <p>Figure 27: Garage Door Lock Function Screen</p>
 <p>Switch Binary</p>	<p>Switch Binary function allows you to operate the device with On/Off functionality using (<i>COMMAND_CLASS_SWITCH_BINARY</i>)</p>  <p>Figure 28: Switch Binary Function Screen</p>

Icon	Operation*
	<p>Switch Multilevel (Dimmer) / Roller Shutter: The Switch Multilevel / Roller Shutter function allows you to operate the device with dimming functionality using (COMMAND_CLASS_SWITCH_MULTILEVEL) and to set the Dimmer from 0%-100%.</p> <p>Roller Shutter (COMMAND_CLASS_SWITCH_MULTILEVEL) This function can also be used as a Roller Shutter.</p>  <p>Figure 29: Switch Multilevel Screen</p> <p>Device last know value will move the Dimmer to the last nonzero value according to the device type.</p>  <p>Figure 30: Switch Multilevel Device Last Known Value Screen</p>

Icon	Operation*
	<p>Thermostat: Allows you to change the Set point, Mode and Fan Mode using: (COMMAND_CLASS_THERMOSTAT_SETPOINT, COMMAND_CLASS_THERMOSTAT_MODE, COMMAND_CLASS_THERMOSTAT_FAN_MODE)</p>  <p style="text-align: center;">Figure 31: Thermostat Function Screen</p> <ul style="list-style-type: none"> • 25.4°C is the current Temperature of the sensor multilevel Temperature • 27°C is the Set point • Cool is the mode • Auto Low is the Fan mode

* Short click on an icon: operates the desired function.

Long click on an icon: provides additional functionality and information.

In case of specific mode manufacturer, set hex value like [010203] instead of [0x01,0x02,0x03]

To set Thermostat Setpoint, long click for 5 sec on temperature label (Ex: 27.0 as shown in the above image); the following screen will be displayed.

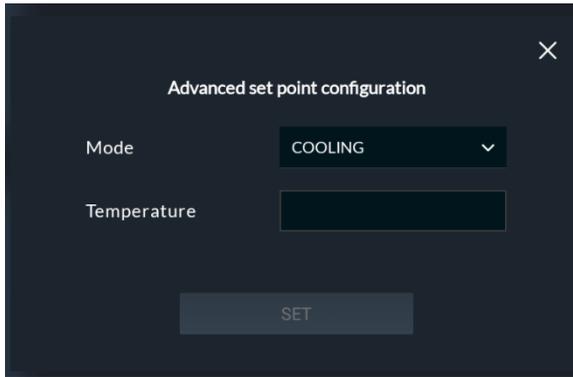


Figure 32: Thermostat Setpoint Setting Screen

Information

Battery

(COMMAND_CLASS_BATTERY)

Long click: battery level will be accessible inside the device.



Figure 33: Device Battery Level Screen

Sensor Multilevel

(COMMAND_CLASS_SENSOR_MULTILEVEL)

Provides a list of sensors available on your device with their current value.

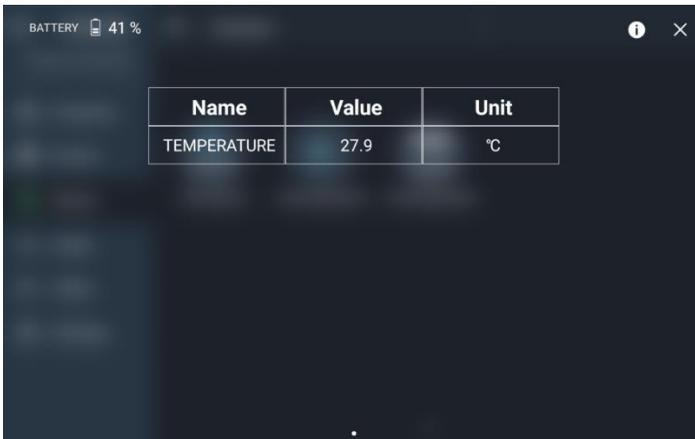
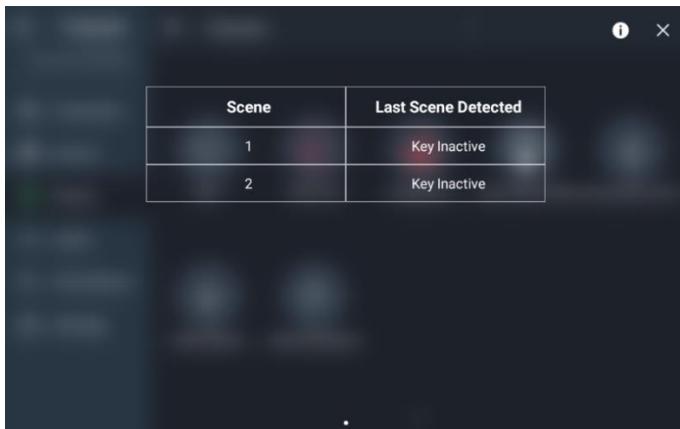


Figure 34: List of Sensors on Device with Current Value Screen

Central Scene

(COMMAND_CLASS_CENTRAL_SCENE)

Provides information on Scene activation.



Scene	Last Scene Detected
1	Key Inactive
2	Key Inactive

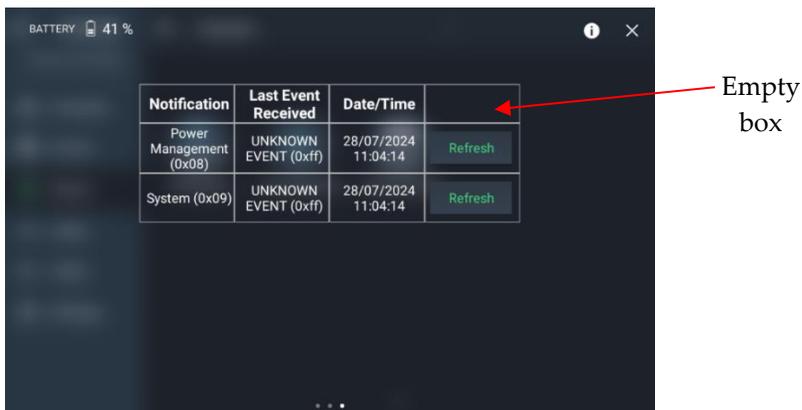
Figure 35: Scene Activation Information Screen

Notification

(COMMAND_CLASS_NOTIFICATION)

Provides a list of notifications and their last value.

1. Click the empty box shown in the screen below and then type the notification value in Hex (consult the device manual for the notification value).



Notification	Last Event Received	Date/Time	
Power Management (0x08)	UNKNOWN EVENT (0xff)	28/07/2024 11:04:14	Refresh
System (0x09)	UNKNOWN EVENT (0xff)	28/07/2024 11:04:14	Refresh

Figure 36: Notifications Screen

2. Click the Refresh button.

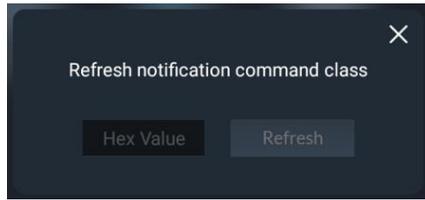


Figure 37: Refresh Notification Screen

Meter

(COMMAND_CLASS_METER)

Provides a list of meters supported by the device.

A dark-themed screen with a close button (X) and an information icon (i) in the top right corner. It displays a table with three columns: Meter, Value, and Scale. Below the table is a "RESET" button.

Meter	Value	Scale
ELECTRIC METER	123.4	W
ELECTRIC METER	1.23	KWH
ELECTRIC METER	43.21	KVAR
ELECTRIC METER	231.2	V

Figure 38: Supported Meters by Device Screen

Identification Indicator

(COMMAND_CLASS_INDICATOR)

Click the IDENTIFY button as shown in the screen below: the device will blink to identify itself.

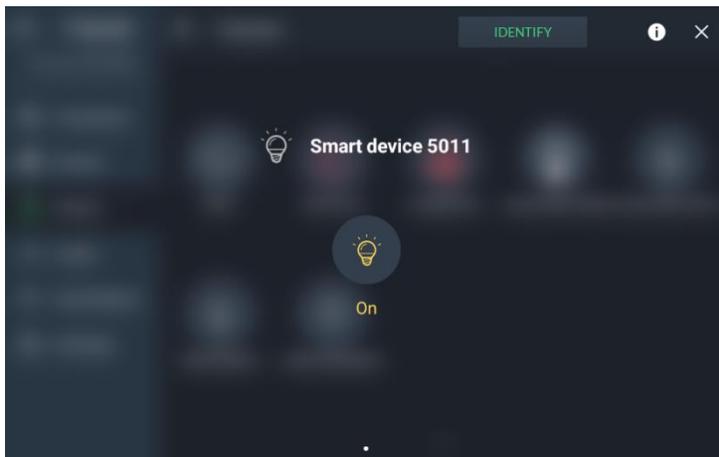


Figure 39: Device Identification Indicator Screen

Note: If you use another controller to identify the RisControl, it will beep 5 times without blinking.

SECURITY

The Security section of the RisControl describes all the operations and activities relevant to the Security System.

An initiated alarm will appear as a floating button at the bottom right of the Security Screen (except for the Security→Partitions screen).

Notes:

1. When operating in Security Only mode, you may be prompted to enter a PIN CODE or hold a Proximity Tag close to the proximity sensor on the RisControl.
2. After entering a PIN code or using a proximity tag, the user will not be prompted to sign in again unless the screen remains untouched for more than 10 seconds.

Partitions

The Security→Partitions screen is the default screen that is displayed after the user clicks the “Security” main menu, as shown in the example below.

Note: If the Favorites Screen is empty (as a result of the user not adding any shortcut buttons to it), the Security→Partitions screen will be the default screen that is displayed upon each unlocking of the RisControl.

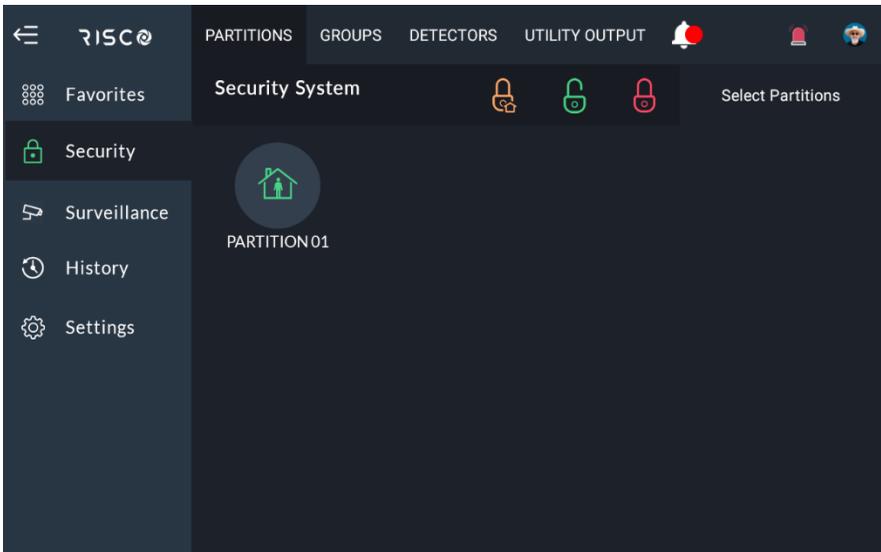
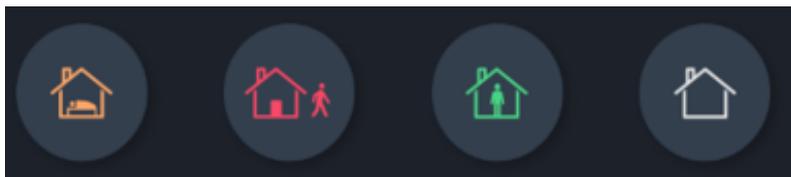


Figure 40: Security – Partition Screen

The Partition state is indicated by the color, the image within the circle icon and the label below the state.



Stay=Orange Armed=Red Disarmed=Green Not ready=Gray

Arming and Disarming

The user can Full Arm, Stay Arm or Disarm any of the partitions on the screen. For example, if a user clicks a disarmed partition, a popup screen is displayed that allows the user to either Full Arm or Stay Arm the partition, as shown below.

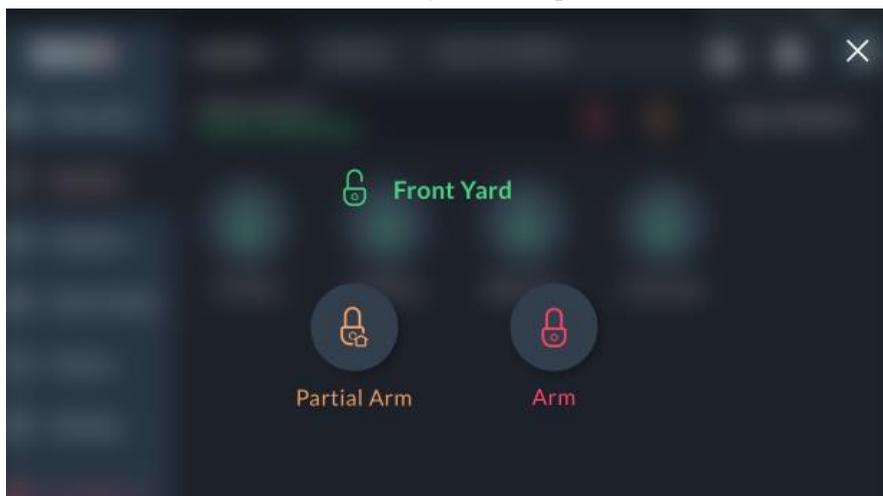


Figure 41: Arming a Partition Screen

Note: A Partition that fails to arm is indicated as shown below.



Figure 42: Partition Failed to Arm Screen

Exit/Entry Delay

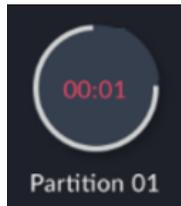
A partition that is defined with an Exit/Entry delay will indicate the remaining exit/entry time via a contour-line button. The time remaining will be displayed at the center of the button. In addition, a beeping sound will be emitted via the RisControl throughout the Exit/Entry time.



Final Exit Zone

The Final Exit zone is the last detector to be activated on exit. When arming the system, the related partition arms 10 seconds after this zone is closed to indicate that the user has left the premises.

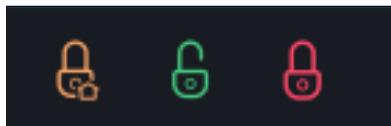
If the Final Exit zone was not closed after arming the system, the related partition will not be armed and one second time remaining will be displayed at the center of the button. In addition, a beeping sound will be emitted via the RisControl throughout the Final Exit time. In this case, leave the premises through the Final Exit zone and close the door. The counter will restart, and the system will arm after 10 seconds have elapsed.



One Click Activation of all Partitions

There are three lock icon buttons at the top of the screen, as follows:

- **Red Lock Icon button:** click to Full Arm all the partitions
- **Orange Lock Icon button:** click to Stay Arm all the partitions
- **Green Lock Icon button:** click to Disarm all the partitions



Arming/Disarming Selected or All Partitions

1. Click “Select Partitions” at the top right of the screen to select one or more partitions.

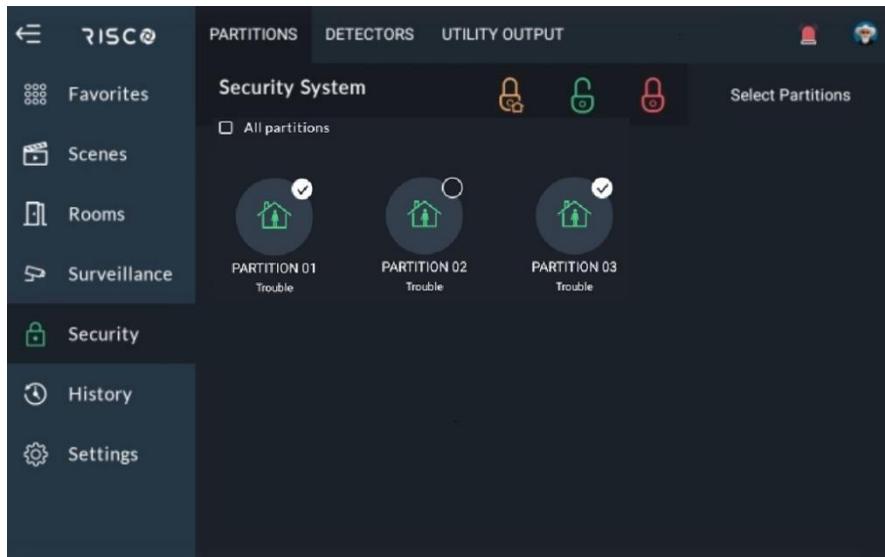


Figure 43: Selecting Multiple Partitions Screen

2. Click to select the partitions to be Armed or Disarmed; a “√” is added to the partition icon
– or –
click the “All partitions” checkbox to select or unselect all the partitions.
3. Click the Full Arm/Stay Arm/Disarm Lock button, as required.

Note: You can check/uncheck the ‘All Partitions’ checkbox to select/deselect all Partitions by a single action.

Groups

A Group is a collection of zones from one or more partitions. The Security/Groups screen displays the groups that the user is associated with. A maximum of 4 groups can be defined in the system: A, B, C and D.

Note: If the user is not associated to any group, the Security/Groups screen will be blank for the user.

1. Click the Groups tab; the following screen is displayed.

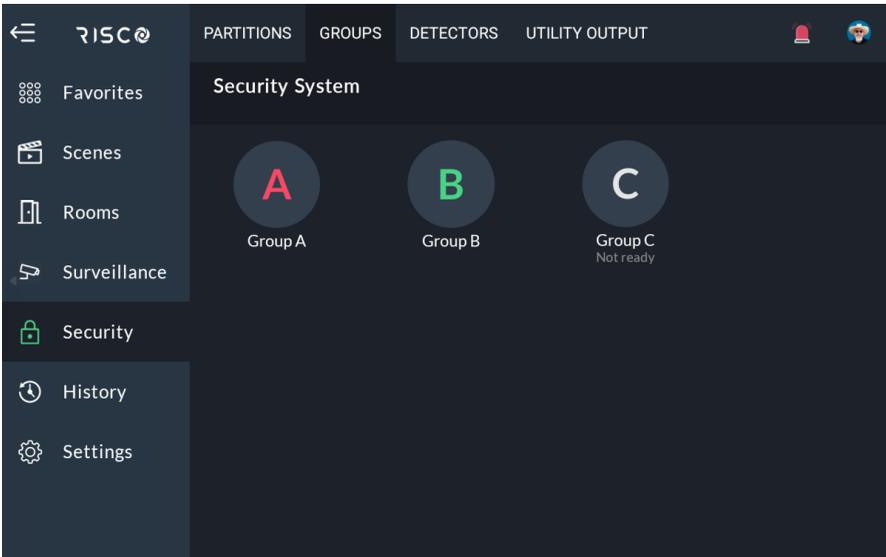


Figure 44: Selecting Groups Screen

The Group can be in one of the following states:

- **Armed:** The letter inside the icon is red
- **Disarmed:** The letter inside the icon is green
- **Not Ready:** The letter inside the icon is gray and indicated as “Not Ready”

2. Click the Group letter button corresponding to the Group that you want to arm; the following screen displays the partitions in the available Groups to be armed.

Note: You cannot arm a group that is Not Ready.

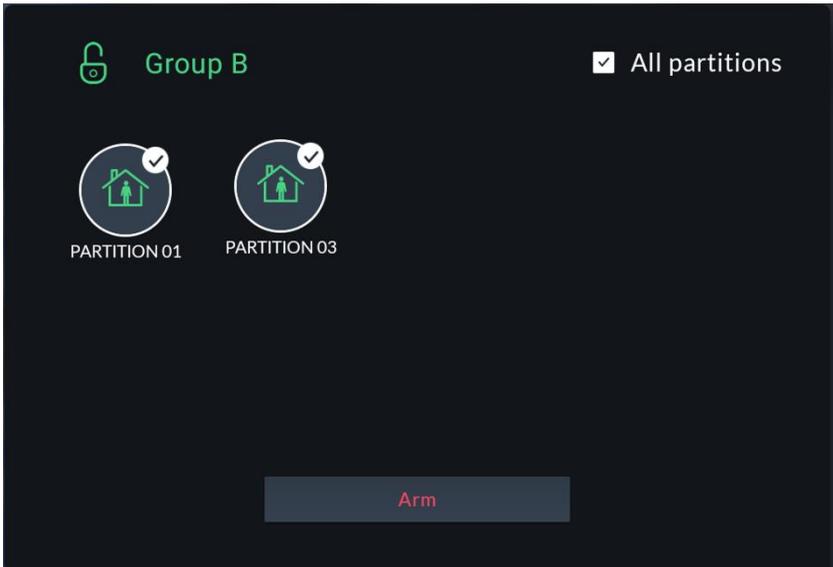


Figure 45: Selecting Groups Partitions Screen

3. Select the required Partitions and then click the “Arm” button.

The Group icon status indications (see above) also apply to the Group Partitions screen.

Detectors

The Security→Detectors screen lists all the devices that are part of the partitions that the user has permission to view.

1. Click the Detectors tab; the following screen is displayed.

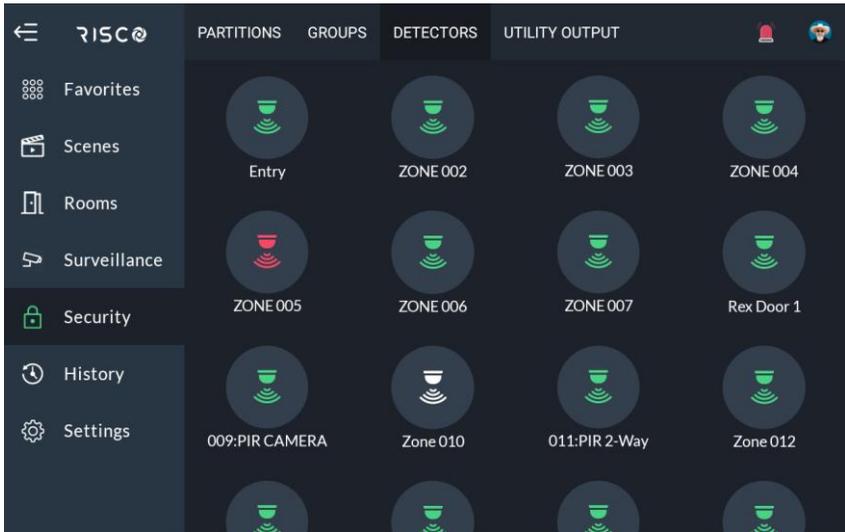


Figure 46: Security – Devices Screen

There are three detector icon status indications, as follows:

- **Green:** Disarmed
 - **Red:** Armed
 - **Gray:** Not Ready (zone is open)
2. Click any of the detectors to either bypass the detector or if the detector is set to be a “Presence Zone” to mute its Presence Notifications, as shown below.

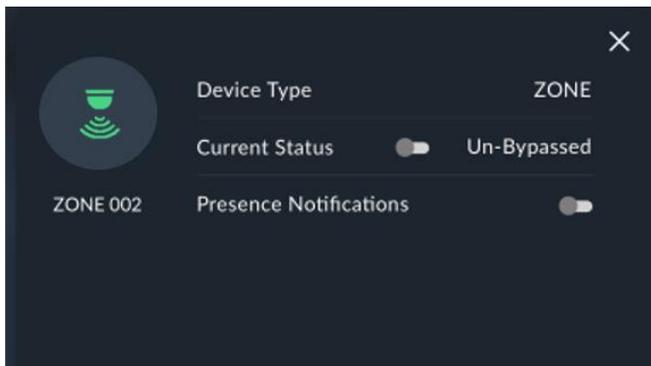


Figure 47: Detector Setup Screen

Note: For a detailed definition of the Bypass and the Presence Notifications, refer to the Security System’s Installation Manual.

Utility Outputs

On the Utility Outputs Screen, click a Utility Output button to operate that output.

- **Gray:** Output is Off
- **Green:** Output is On

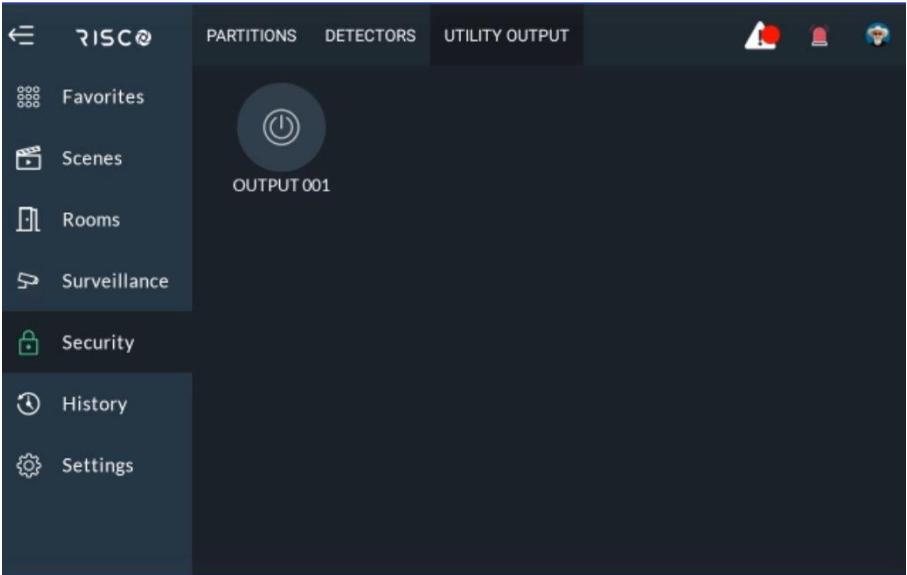


Figure 48: Utility Outputs Screen

SURVEILLANCE

The Surveillance section lists all the cameras that are used in the system.

The “Surveillance” section covers the following:

- Video cameras that are connected directly to the RISCO Cloud
- Video cameras that are connected to the RISCO Cloud through a RISCO Video Recorder
- PIRCAMs that are connected through the RISCO Security System

Cameras Screen

Click the Surveillance Menu and then click the CAMERAS tab to display the Cameras Screen, as shown below. This screen is used for viewing the system cameras.

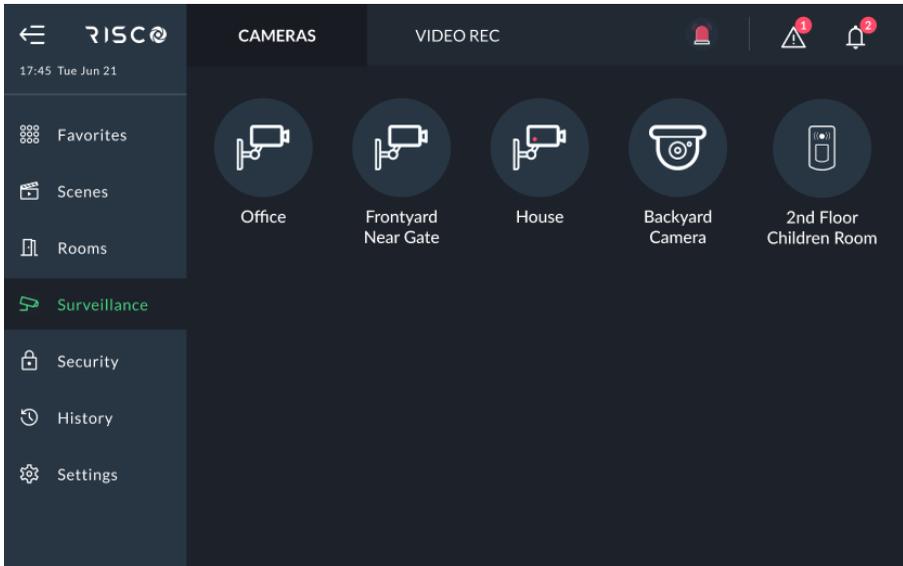


Figure 49: Cameras Screen

The Camera screen contains icons and names (in alphabetical order) of the cameras:

- PIR CAM 

- RISCO P2P Camera 



- Video Camera through a Video Recorder

Note: Connection through a Video Recorder is indicated by the red dot inside the camera icon.

PIR CAM

Click any of the PIR CAMs in the screen to view the images taken by that camera.

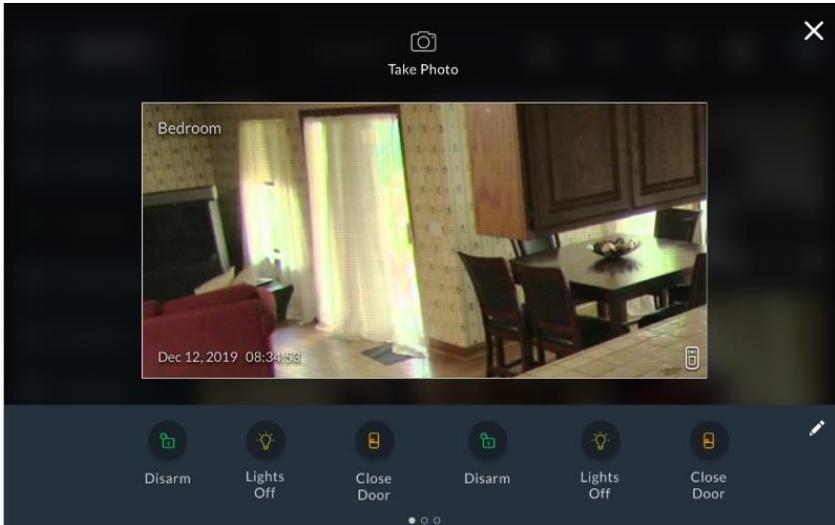


Figure 50: PIR Camera Image View

Click the “Take Photo”  button to command the camera to take a new photo. Use the Quick Buttons to perform selected activities (see Quick Buttons, page 49).

Video Cameras

Click any of the P2P Cameras in the screen to view live video from that camera.

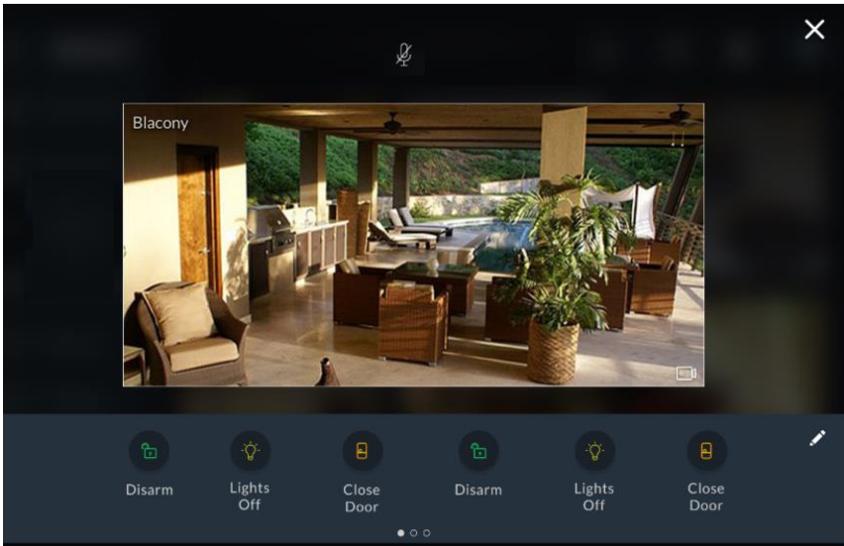


Figure 51: P2P Camera Live Video Screen

From the Live Video screen of the P2P camera, the user will be able to hear audio from the camera's microphone. However, the user's own voice will be muted and will not be heard via the camera. Click the  icon at the top of the screen to cancel the mute operation of the RisControl microphone.

Use the Quick Buttons to perform selected activities, (see Quick Buttons, page 49).

The Cameras Screen displays cameras that are connected directly to the RISCO Cloud and cameras that are connected to the RISCO Cloud through a RISCO Video Recorder.

Note: A camera that is connected via the RISCO Video Recorder is indicated by the red dot inside the camera icon.

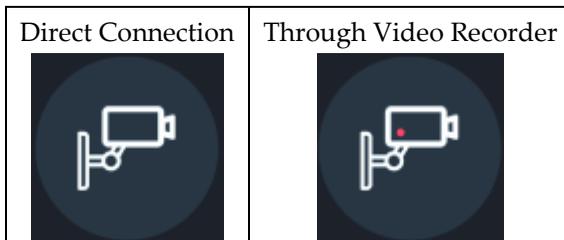


Figure 52: Cameras connected to the RISCO Cloud

By clicking on a camera icon that is connected to a RISCO Video Recorder, the live view of the camera is displayed. These cameras can also switch to show pre-recorded video clips.

An additional “Switch to Recording” button is displayed on the left side of the screen, as shown in the screen below.

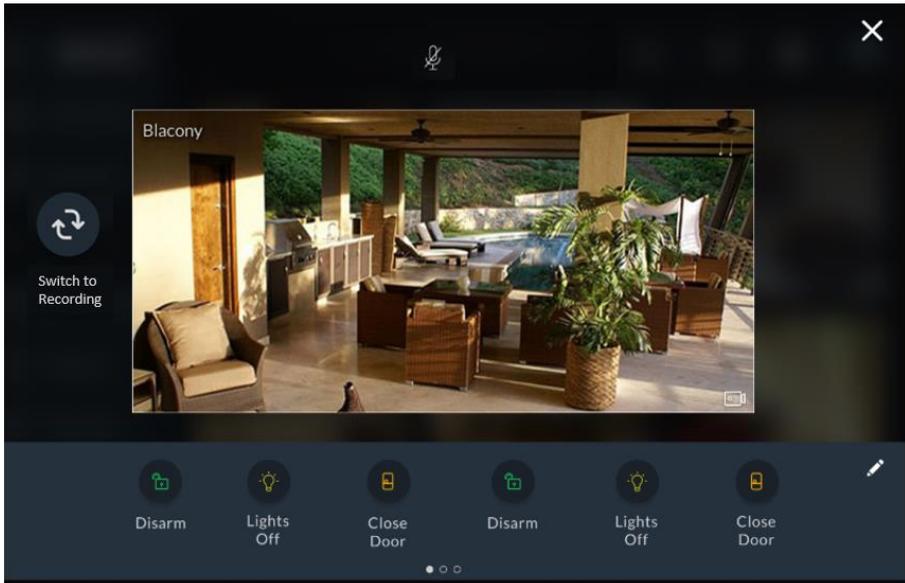


Figure 53: Camera through the RISCO Video Recorder Screen

Quick Buttons

Using Quick Buttons

The area at the bottom of the screen, that displays the images or video clips from the various camera types, is referred to as the “Quick Buttons Tray”.

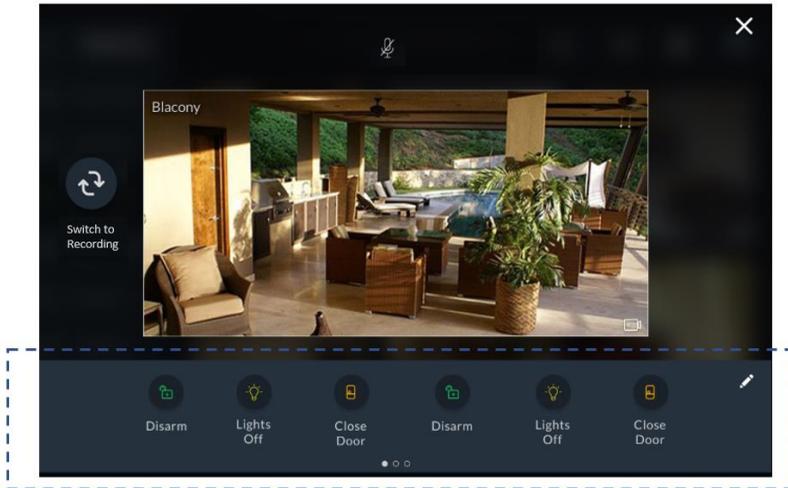


Figure 54: Quick Buttons Tray

Quick Buttons Tray

The Quick Buttons Tray allows the user to perform activities while viewing the image and or video clip. For example, where a living room is monitored by a video camera and the lighting in the living room is controlled via one of the Utility Outputs (UO) of the Security System. In such a setting, the user can add the UO button to the Quick Buttons Tray and turn on/off the lights in the living room while watching it occur on the screen.

Notes:

1. A user can individually set the exact combination of buttons that will appear in the Quick Buttons Tray; separately for each camera.
2. The Quick button setup in the RisControl is per RisControl only and affects only the RisControl that the setup was performed on. The Quick Button Tray on the other RisControls can be set up separately, if needed.

Editing the Quick Buttons Tray

Every user can select the Quick Buttons to be displayed in the Quick Buttons Tray of a camera through which the user is viewing.

To enter the edit mode of the Quick Buttons Tray, click the pencil icon  at the right corner of the tray.

Adding/Removing Quick Buttons from the Tray

Upon entering the edit mode of the Quick Buttons Tray, all the Quick Buttons will appear with an “x” bubble on them.

To remove the Quick Button from the tray, click the “x” bubble of the Quick Button.

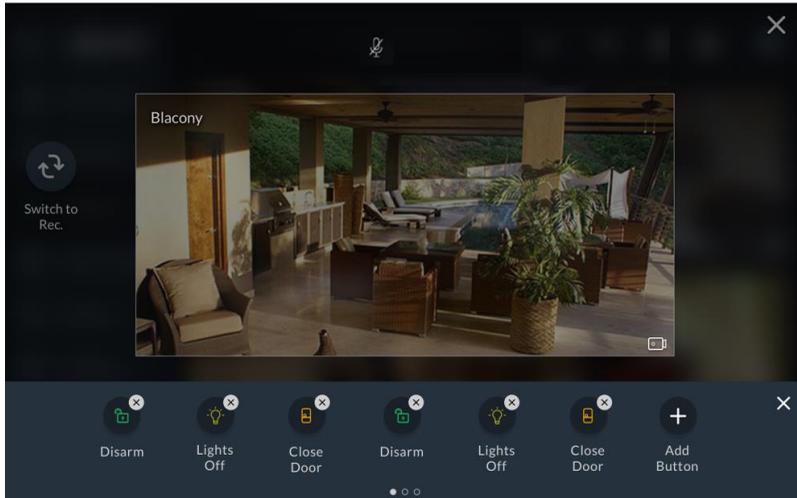


Figure 55: Adding / Removing Quick Buttons

Adding/Removing Multiple Quick Buttons to/from the Quick Buttons Tray

1. Click the “+” icon above the tray; a new screen is displayed, listing all the available commands.
2. Check/uncheck the checkbox next to each command to add/remove the command to/from the Quick Buttons Tray.

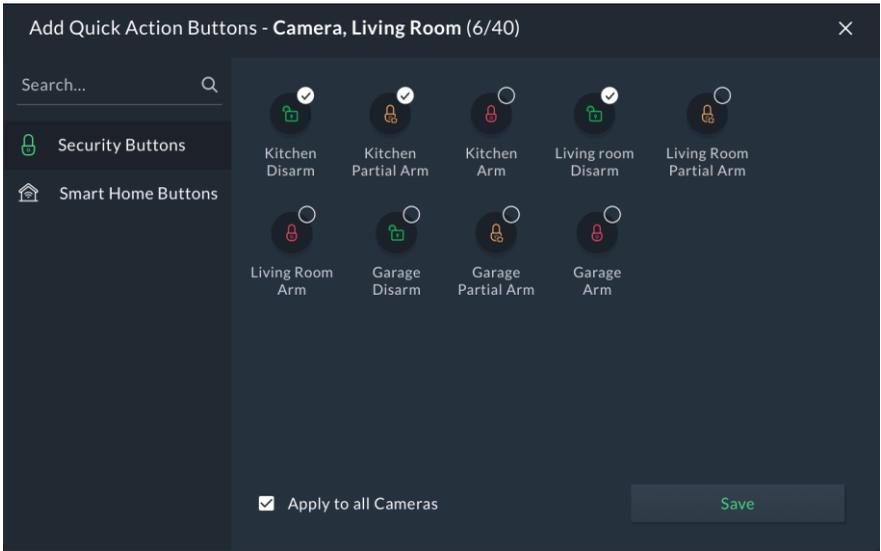


Figure 56: Editing the List of Quick Buttons

3. Select the "Apply to all" box to set the current selection of Quick Buttons to all the cameras.

VIDEO RECORDER

When a video recorder is installed in a site, users can watch live videos and playback video clips from cameras that are connected via Surveillance.

Note: *The RisControl must be logged into the RISCO Cloud to be able to present playback from the Video Recorder.*

If you click “Surveillance” in the main menu while the RisControl is still not logged into the RISCO Cloud, the following screen is displayed.

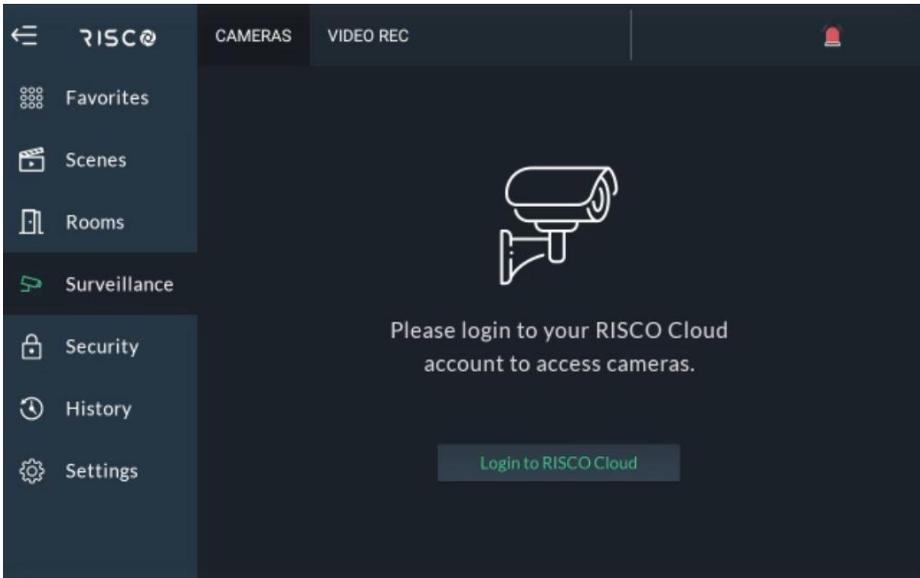


Figure 57: Surveillance Screen

Click the “Login to RISCO Cloud” button and continue to the login procedure, as described in “Users & Permissions Settings” (see page 65).

Video Recorder Live Gallery

After you have logged into the RISCO Cloud, click the “VIDEO REC” tab: The Live Gallery screen is displayed.

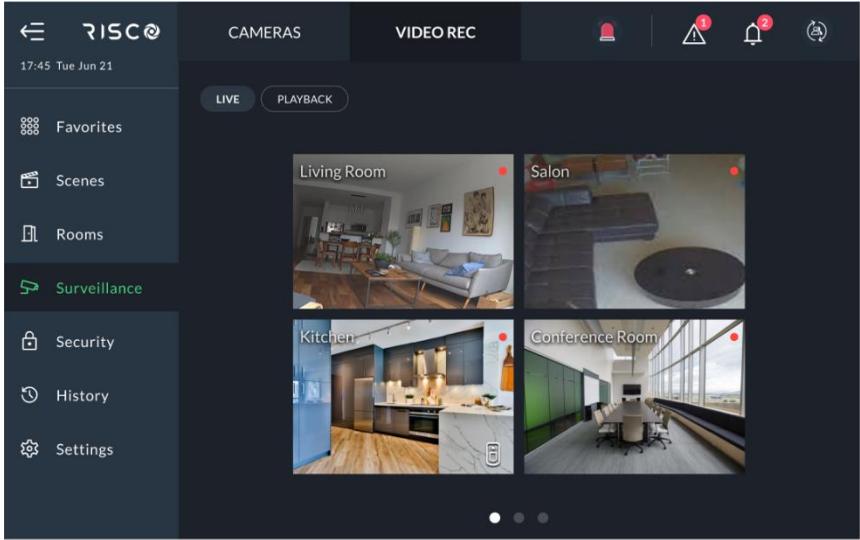


Figure 58: Video Rec Live Gallery Screen

The Gallery displays a matrix of live videos taken from cameras, with the camera name indicated on each video (empty areas are darkened).

Camera Video Playback

To watch recorded video clips from any given camera, click the camera image in the Gallery, as shown in the example below.

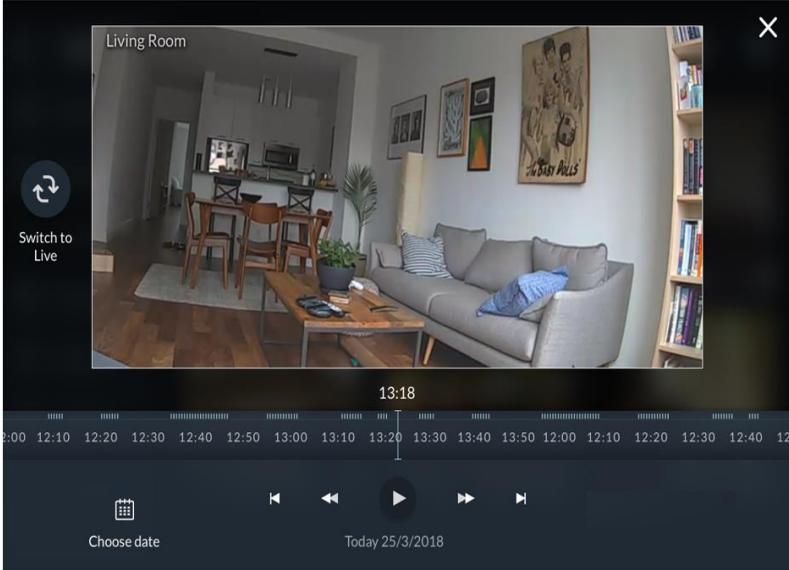


Figure 59: Playback Screen

Time Slider

The Time Slider that appears under an image, provides the exact time each video clip was recorded.

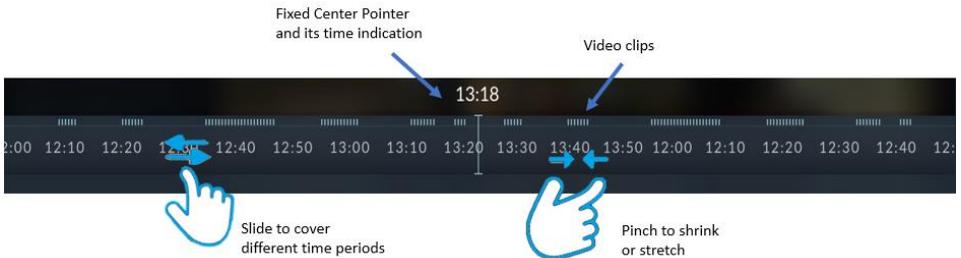


Figure 60: Time Slider Screen

Time Slider coverage range - The slider is set to cover 24 hours, from 00:00:00 to 23:59:59 of the current date, by default. You can extend or shrink the slider by pinching it outward, or by using two fingers to cover any time frame between 10 minutes to 24 hours.

Time Slider Center Pointer – the pointer at the center of the Time Slider is fixed, showing the exact time that it points to at each moment. Use your finger to slide the Time Slider left of right, until the Center Pointer points to the exact required time.

Video clip indications on the slider – Recorded video clips are indicated on the Time Slider using blue ticks. See the following example of 3 clips that were recorded: .

Playback Controls

There are four standard playback control buttons, as follows:



Figure 61: Playback Control Buttons

- | | | |
|--|------------------------------|--|
|  | Play | Click to play the “next clip”, i.e. the clip that is situated on, or to the right of, the Center Pointer |
|  | Fast Forward/Backward | Click to double the forward or backward speed of the playback |
|  | Next/previous | Click to jump to the next/previous video clip |

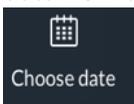
Date Selection

The date indication at the bottom of the screen refers, always, to the date of the Center Pointer.

Slide the Time Slider backward and forward to change the date indication to always show the date that is relevant to the Center Pointer.

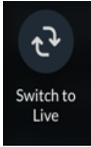
You can also view recordings of any other date by manual date selection.

Click the “Chose date” button at the bottom of the screen and select the required date from the calendar.



Switch back to Live

Click the “Switch to Live” button at any time to switch the view from Playback to Live camera mode.



HISTORY

The History menu displays the History Screen, as shown in the example below. This screen is used for viewing a history log of events. For each event you can view the date and time that the event occurred, a description of the event and the detector or device that caused the event.

RisControl can store up to 2000 events. Events are logged in chronological order according to date and time. When the event log exceeds the maximum of 2,000 events, the oldest events are overridden by the newest events.

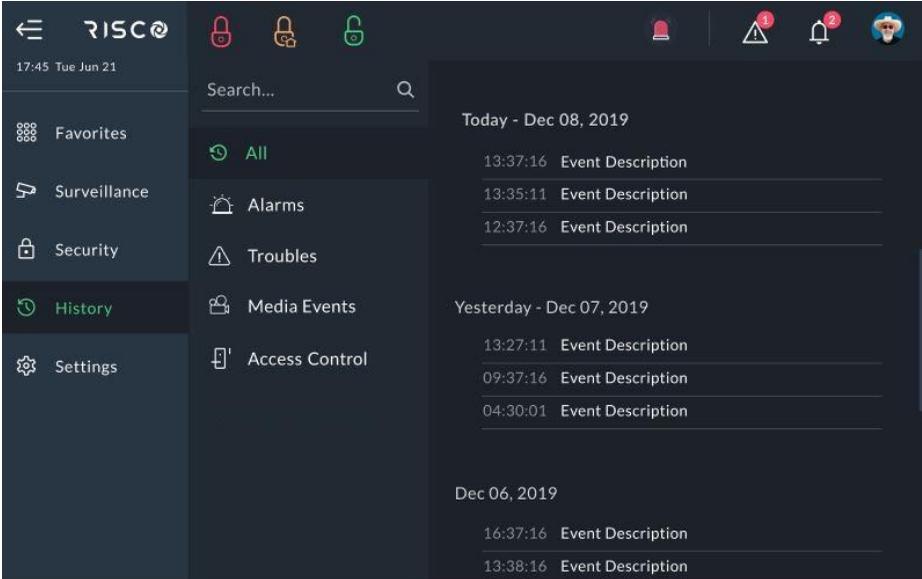


Figure 62: Event History Menu Screen

Searching Events

Select the relevant event history view filtering tab. The Event History Screen can be filtered by Alarms, Troubles, Media Events, Access Control or All. You can also use the following event search options:

Option	Description
	Search for specific events (the results of the search appear on the right-hand side of the screen)
	Search for events according to specific dates

<ul style="list-style-type: none">AllAlarmsTroublesMedia EventsAccess ControlVideo Activities	<p>Select a category to filter the search according to specific types of events</p>
--	---

Media Events and Video Activities

You can view captured snapshot images or video clips recorded during specific related alarm events.

Click the “Media Events” or “Video Activities” option, search for the event and then click on the event to view.

SETTINGS

The Settings Menu displays the System Settings Screen, as shown in the example below. This screen is used for defining RisControl parameters and date and time settings.

After entering “Settings”, and when the installation includes a Security Panel, the user is prompted to enter their PIN Code or hold a Proximity Tag close to the proximity sensor on the RisControl. The following menus are then displayed:

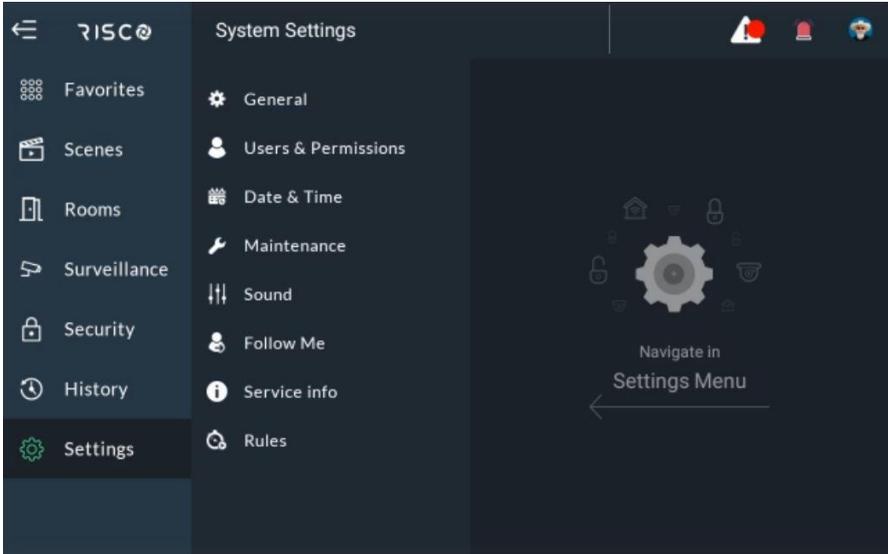


Figure 63: Settings Menu Screen

Note: The Grand Master of the system can perform all the settings while the other users are limited to changing only their own user details (see “Users & Permissions”) and the settings that are not related to the Security System. For example, the user can change the “Screen Time Out” for the RisControl but cannot change the “Time and Date” since these are setups of the Control Panel.

General

Click the “General” sub-menu; the following screen is displayed.

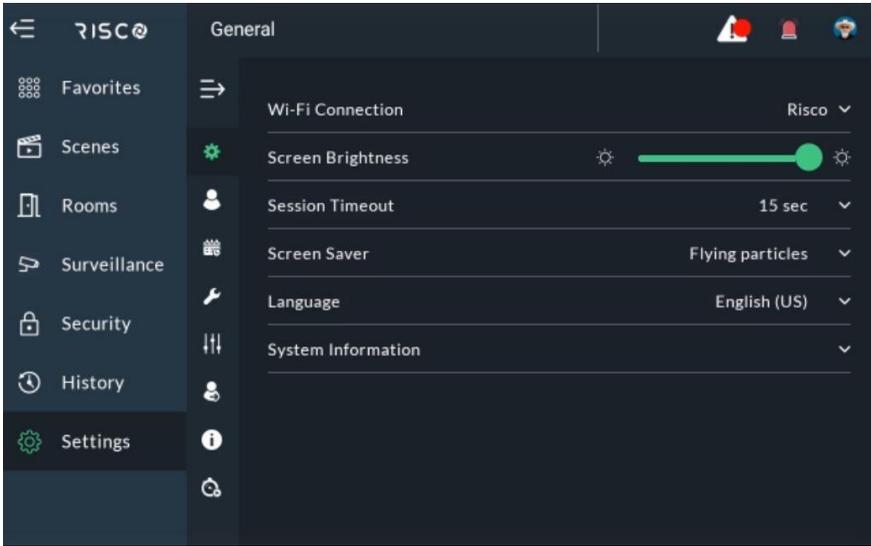


Figure 64: Settings Menu - General

Wi-Fi Connection

Click the Wi-Fi connection option to connect the RisControl to a Wi-Fi router that is connected to the Internet.

The RisControl will search for available networks and allow the user to select one of them.

Note: RisControl can be used without connection to the RISCO Cloud. In this case, most operations that are applicable to the Security System will be available, except for Cameras, Video Recorders and other cloud related features that are not supported.

Screen Brightness

Click and drag the slider to adjust the brightness of the RisControl screen.

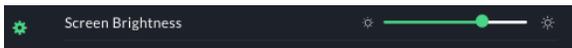


Figure 65: Screen Brightness

Session Timeout

The RisControl automatically displays the screen saver after a predefined time (Session Timeout) during which the screen has not been touched. The Grand Master can select between a 15, 30 or 40-second session timeout.

1. Click the Session Timeout option in the menu.
2. Select the preferred duration.

Note: The Grand Master can also manually lock a session by clicking on the user's avatar at the top right corner of the screen, as described in the "RisControl Top Bar" section, page 9.

Screen Saver

The user can set the appearance of the Screen Saver.

1. Click the "Screen Saver" option; the following screen is displayed.

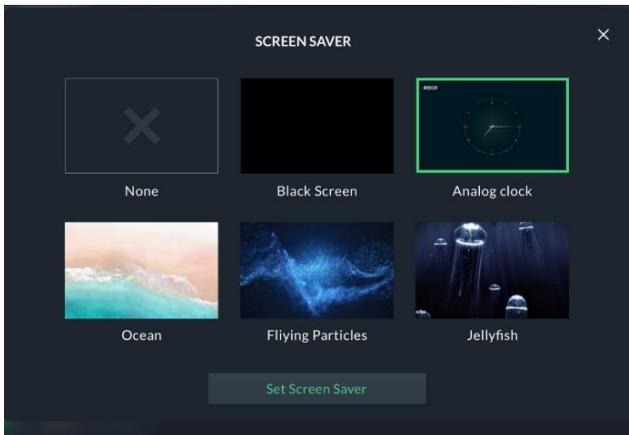


Figure 66: Screen Saver Selection

2. Select one of the options, and then click the "Set Screen Saver" button; the selected Screen Saver will appear for as long as RisControl is in the Screen Saver state.

Screen Saver Options:

- **None** – RisControl does not enter Screen Save mode.
- **Black Screen** – during Screen Saver mode the screen is black.
- **Analog Clock** – a real-time clock is displayed.
- **Ocean, Flying Particles and Jellyfish** – repetitive short video clips.

Language

The user can change the language of the RisControl.

Click the “Language” option and select the desired language from the list.

The language selection is applicable only to the RisControl that is being set up and is not applicable to the other RisControl units, or to the language of the Security System.

System Information

The user can view system information and set additional system parameters.

Click the “System Information” option; the following screen is displayed.



Figure 67: System Information Screen

Manual (Software) Update

Manual (software) update is performed by the Grand Master and is applicable only to a RisControl that is connected to the Internet through the Wi-Fi network.

1. Click the “Check for Update” button; if an update is available, the following RISCO Cloud screen is displayed.

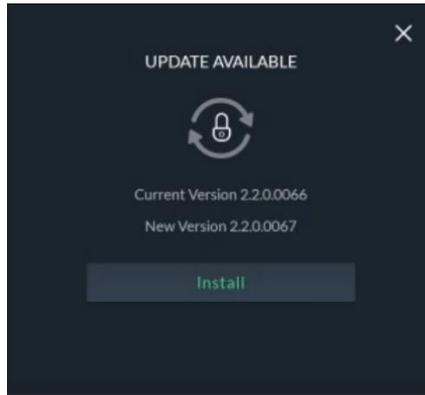


Figure 68: Software Update Screen

2. Click the “Update Now” button; a download of the updated software version is initiated.

Note: *The downloaded version is not installed automatically but must be initiated by the Grand Master.*

If a search for updates by the Grand Master shows an update to be downloaded, the following Software Update menu option is displayed.



Figure 69: Software Update Menu Option Screen

3. Click the “Download” button.

Note: *When a new RisControl software version is available (after performing “Check for Update”), a new software version notification will be added to the Notification List*



(see Notifications Management, page 15).

After the new software version is downloaded but is not yet installed, the RisControl will prompt the user to install it. If the user selects to install the downloaded version, RisControl will perform the procedure and then self-restart with the new running version.

RisControl Serial Number

Displays the Serial Number of the RisControl.

RisControl Software Version

Displays the current Software Version of the RisControl.

RisControl IP Address & MAC

Displays the IP Address and MAC of the RisControl

Security System SW Version

Displays the SW Version of the Security System.

Security System IP Address

Displays the IP Address of the Security System.

RisControl Bus ID

The RisControl BUS ID displays the Bus Address (Virtual DIP Switch) of the panel.

Users and Permission Settings

The Grand Master and Master Users can add users to the Security System from the RisControl.

Note: The "Add User" procedure in the RisControl refers to adding Panel Users and not Cloud Users which is a separate procedure performed using the RISCO Web User Application.

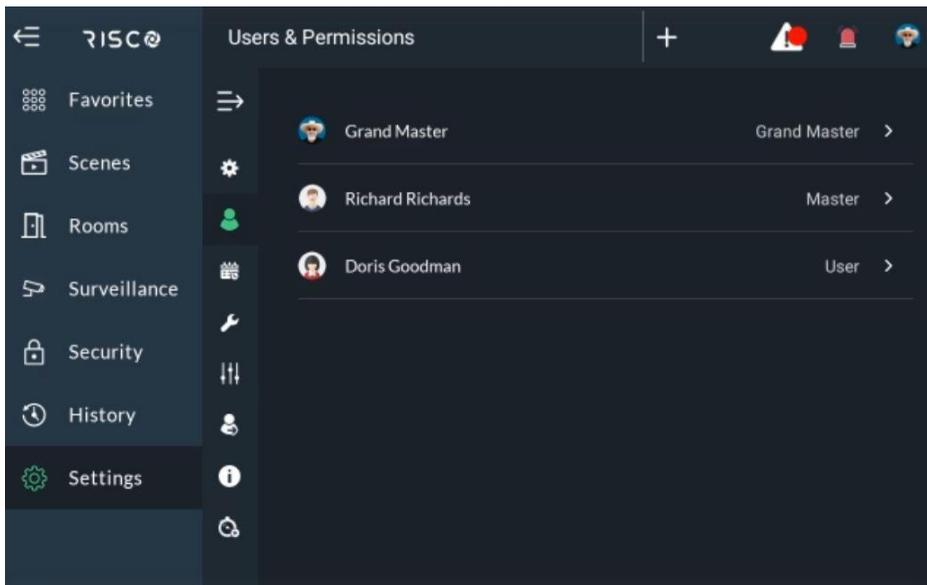


Figure 70: Users List Screen

Add a User

You can add a New User to the system.

1. From the Settings Menu, click “Users & Permissions”.

A list is displayed of the Grand Master or Master User and all the users under this level. The Grand Master or Master User can edit all existing users. Other users can only view their own name that is listed with restrictions to the type of editing that can be performed.

2. Click the “+” button at the top bar; the following screen is displayed.

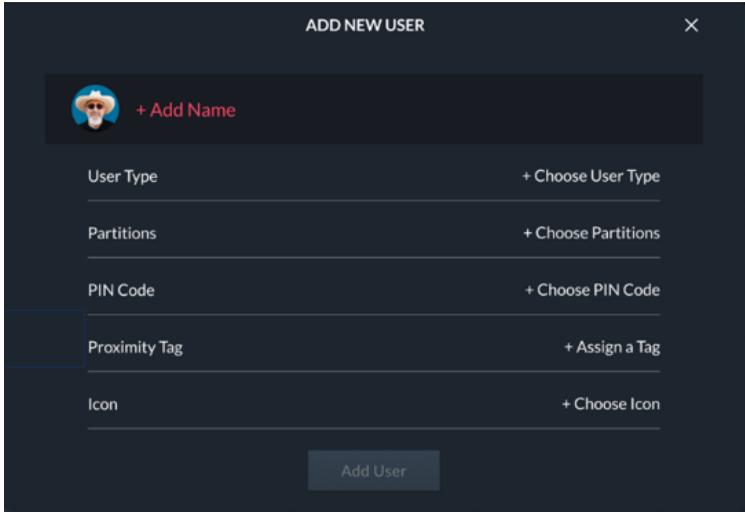


Figure 71: Add a User Screen

User Settings	Description
Add Name	Enter a name for the user
User Type	Select the User Type from the list
Partitions	Select one or more partitions that the user will have permission
PIN Code	Enter a PIN code for the New User - one that is not assigned to another user in the system
Proximity Tag	Assign a Proximity Tag for the New User - one that is not assigned to another RISCO Cloud user ^U

* A Proximity Tag can be assigned to one RISCO Cloud user only

User Settings	Description
Icon	Select an avatar that will represent the user

3. Click the “Add User” button to complete the procedure; a success message will be displayed confirming that the new user is now valid and operational.

Notes:

1. A User must be assigned either a PIN Code, a Proximity Tag or both.
2. The “Add User” button will be enabled after all the fields are entered.
3. If the entered PIN Code is rejected by the panel, an operation failed message will be displayed.

Edit or Delete a User

The Grand Master or Master User can edit or delete any of the users that are in their list.

➤ **To edit a user:**

1. Click “Users & Permissions” and select a user that you want to edit.
2. Make the required changes and click the “Save” button.

➤ **To delete a user:**

1. Click “Users & Permissions” and select a user that you want to delete.
2. Click the “Delete user” button.

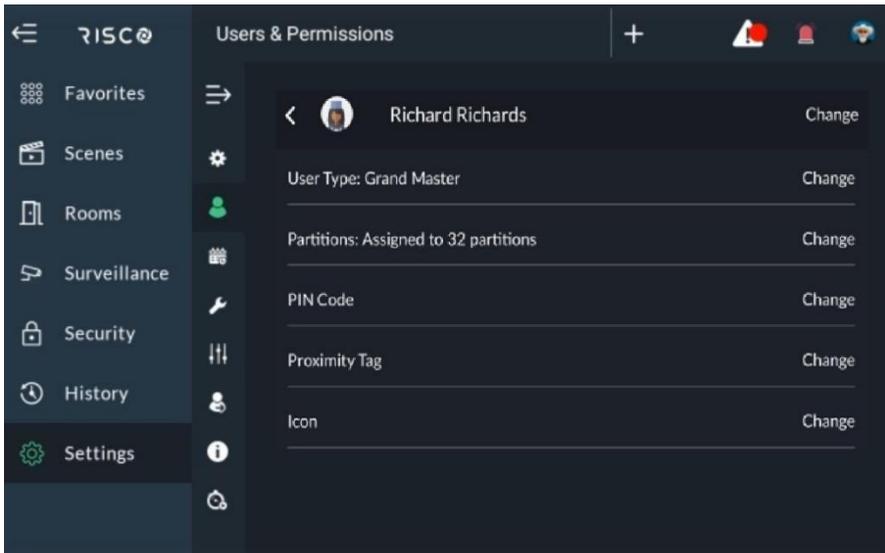


Figure 72: Edit or Delete a User Screen

Editing a User's Own Details (performed by the User)

Users can edit their own details.

1. From the Settings menu, click "Users & Permissions".
2. Click on your own username; the following screen is displayed.

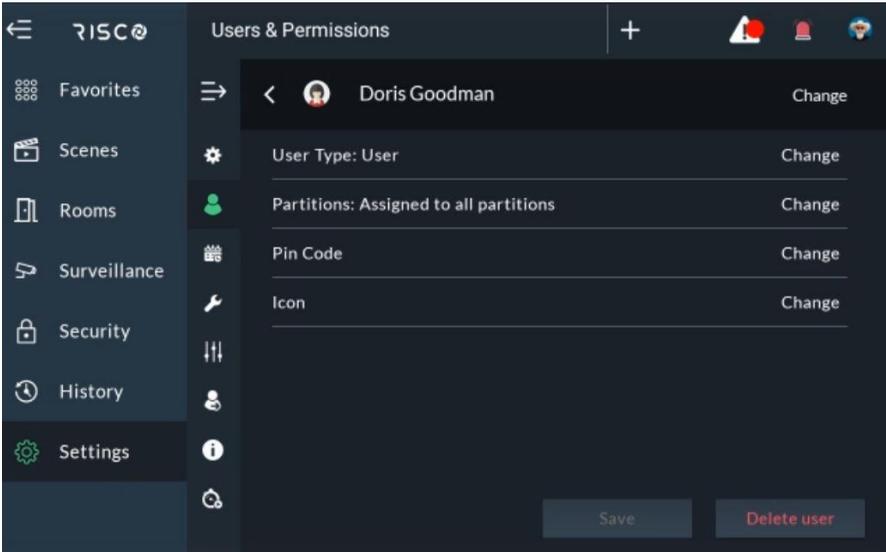
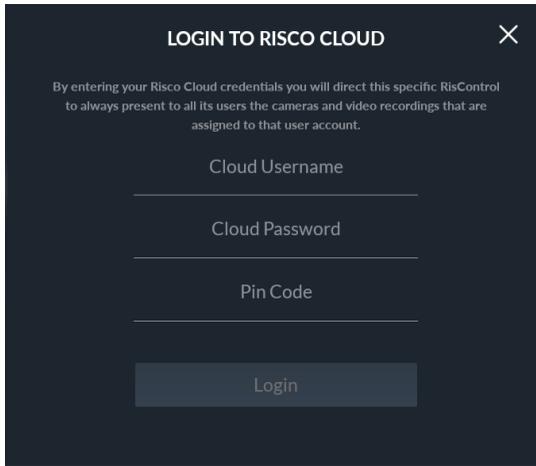


Figure 73: Edit User's Own Details Screen

You can modify the details of the user, such as name, assigned partitions, PIN Code, Icon. You can also delete the user from the RISCO Cloud Account.

Login to the RISCO Cloud

Any RISCO Cloud user can use their credentials (Username and Password) to log into the RISCO Cloud via the RisControl.



LOGIN TO RISCO CLOUD

By entering your Risco Cloud credentials you will direct this specific RisControl to always present to all its users the cameras and video recordings that are assigned to that user account.

Cloud Username

Cloud Password

Pin Code

Login

Figure 74: Login to the RISCO Cloud Screen

1. Enter your RISCO Cloud credentials in the corresponding fields.
2. Click the “Login” button.

Note: *By entering your RISCO Cloud credentials you will direct this specific RisControl to always present to all its users the cameras and video recordings that are assigned to that user account.*

Date & Time

Enter the Settings Menu and select Date & Time to display the Date & Time Screen, as shown below. This screen is used for defining date and time settings for the RisControl.

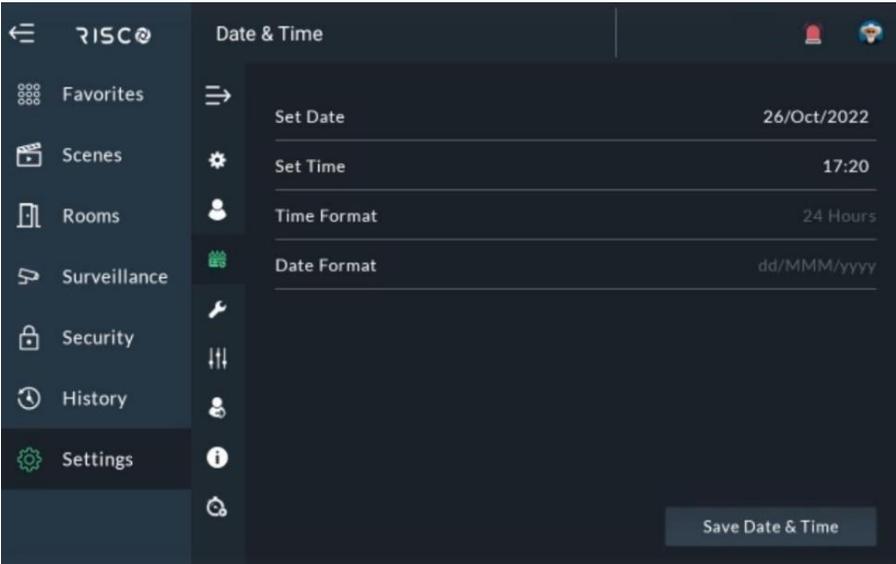


Figure 75: Date & Time Screen

Date & Time Settings

When the panel's "Sync Date & Time with Panel" toggle button is turned on, the RisControl receives the date and time information from the panel. In this case, all settings options on this screen are disabled.

When the panel's "Sync Date & Time with Panel" toggle button is turned off, the RisControl manages its own date and time. In this case, the user can define the date and time settings and format.

Maintenance Menu

Enter the Settings Menu and select “Maintenance”.

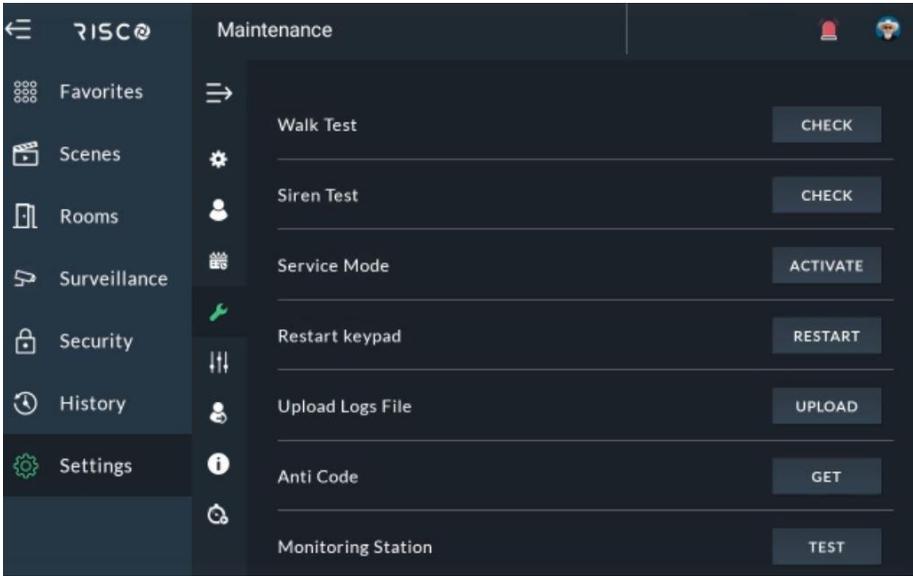


Figure 76: Maintenance Screen

The Grand Master can perform the following maintenance activities:

- Walk Test
- Siren Test
- Service Mode
- Restart Keypad
- Upload Logs File
- Anti Code
- Monitoring Station

Walk Test

1. In the “Walk Test” option, click the “CHECK” button; the Walk Test begins.
2. Trip the zones to be tested; the results will be displayed on the screen, as in the example below.

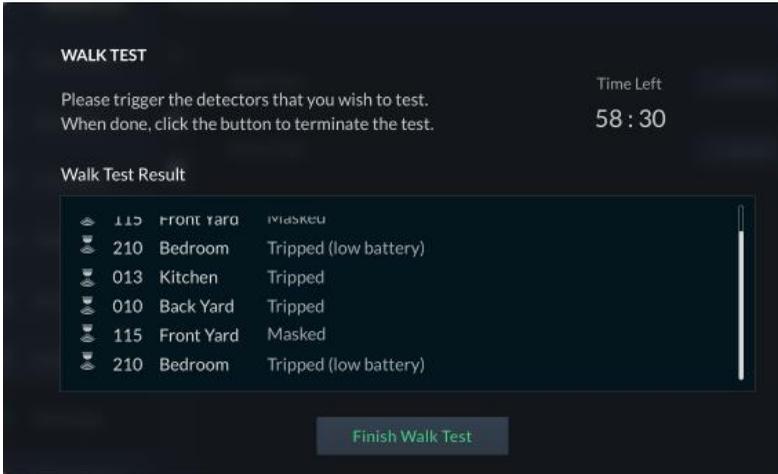


Figure 77: Walk Test Result Screen

The duration for the “Walk Test” is 60 minutes max. A down counter indicates the remaining time for the test.

3. Walk through and trip the zones that are being tested.
The tripped zones that are identified by the Security System will be listed in the RisControl screen. These zones indicate that the zones are responsive and are, therefore, detectable.
4. When done, click the “Finish Walk Test” button.

Note: If the “Finish Walk Test” button is not clicked, the Walk Test will terminate automatically at the end of the 60-minute period.

Siren Test

1. Click the “CHECK” button to enter the “Siren Test”.



Figure 78: Siren Test Screen

2. Click the “Siren Test” or the “Strobe Test” button to perform the test.

Service Mode

Activating “Service” mode silences all tamper alarms from detectors and accessories for an installer-defined duration of time. During this time, you can replace wireless detector and accessory batteries without tamper alarms sounding.

1. Click the “ACTIVATE” button to activate “Service Mode”.
2. Replace the device batteries, as required.

Restart Keypad

Click the “RESTART” button to restart the RisControl Keypad.

Upload Logs File

You can upload log files to a predefined storage location, where access to these files will be given to RISCO support.

1. Click the "Upload Logs File" button; the file name will be displayed on the next screen that opens.

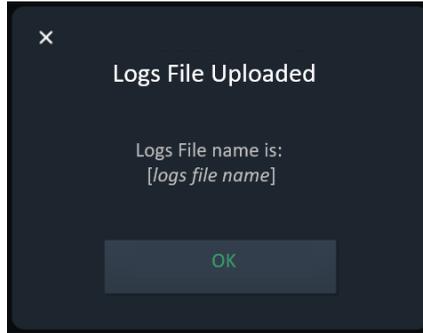


Figure 79: Logs File Uploaded Confirmation Screen

2. Click the "OK" button.

Anti-Code

Some of the End-User's activities cannot be performed without permission from the installer. The "Anti Code" feature allows the installer to approve specific activities to the end-user without having to physically visit the site. When this permission is required, the end-user initiates a phone call with the installer after which the installer will instruct the user to enter the SETTINGS/MAINTENANCE screen in the RisControl, and enter the Anti Code, as described below.

Note: *The Anti Code feature must be enabled by the installer in the panel.*

1. Click the "Get" button for the "Anti-Code, the following screen is displayed.

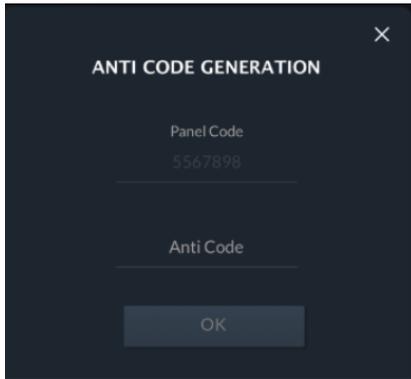


Figure 80: Entering an Anti-Code Screen

The “Panel Code” is generated automatically by the Security System

2. Contact the installer and inform him of the Panel Code.
The Installer uses the Panel Code to generate the “Anti-Code”.
3. Contact the installer and inform him of the Anti-Code.
4. Enter the code in the “Anti-Code” field and then click the “OK” button to complete the procedure.

Monitoring Station

Click the “TEST” button to send a test message to the monitoring station, according to requirements for EN50131 standards.

Sounds

The user can change the sound settings of the RisControl.

The user can also individually turn on/off the following sounds:

- Buzzer
- Key tones
- Chime

1. Click “Sounds” in the Settings Menu; the following screen is displayed.

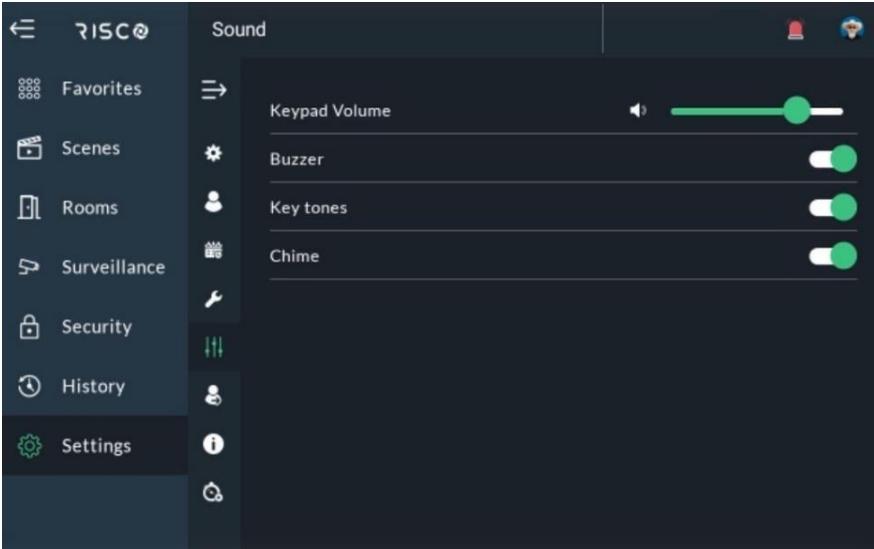


Figure 81: Sound Settings Screen

2. Drag to set the volume of the RisControl speaker (also increases/decreases all the sounds that are generated by the RisControl).

Follow Me

The user can add Follow Me recipients, up to the limit defined in the panel.

Adding a Follow Me Recipient

1. Click the “Follow Me” option of the Maintenance and click the “+” button at the top bar.

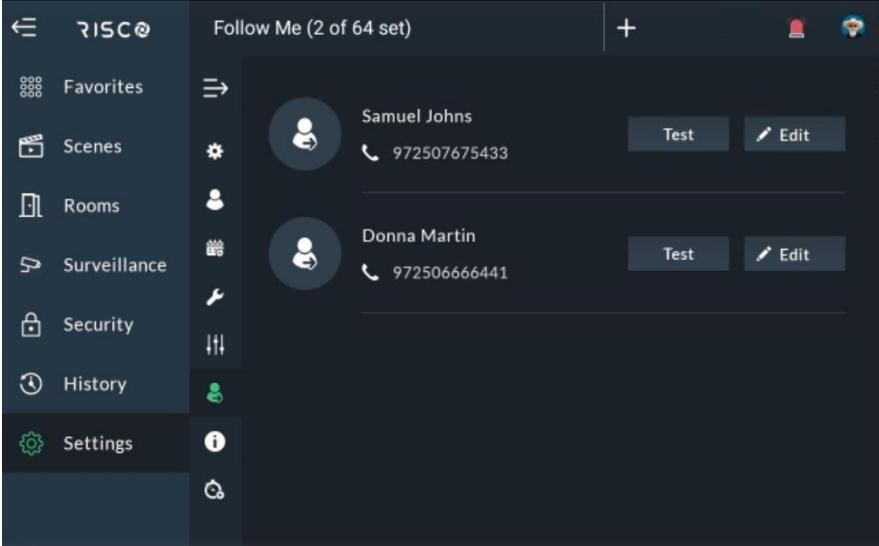


Figure 82: Follow Me Screen

The following screen is displayed.

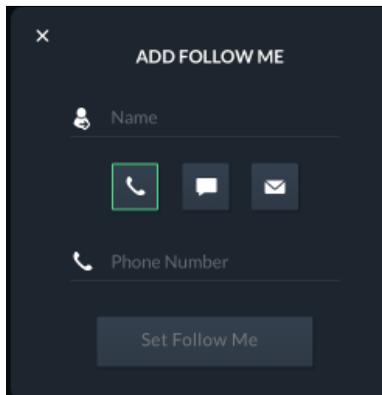
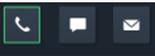


Figure 83: Add Follow Me Screen

2. Click to select the type of communication channel you wish to use for this particular Follow Me: 

3. Enter the information in the corresponding fields:

Name	Enter the name of the recipient
Phone or SMS	Enter a Phone number
Email	Enter the email address

4. Click the “Set Follow Me” button to complete the procedure.

Test or Edit a Follow Me

To edit or send a test message, click the “Test” or “Edit” button in the Follow Me List.

Service Info

Click Service info to view the contact details of the installation company defined in the control panel or iRISCO app (if the RisControl is connected to the RISCO Cloud).

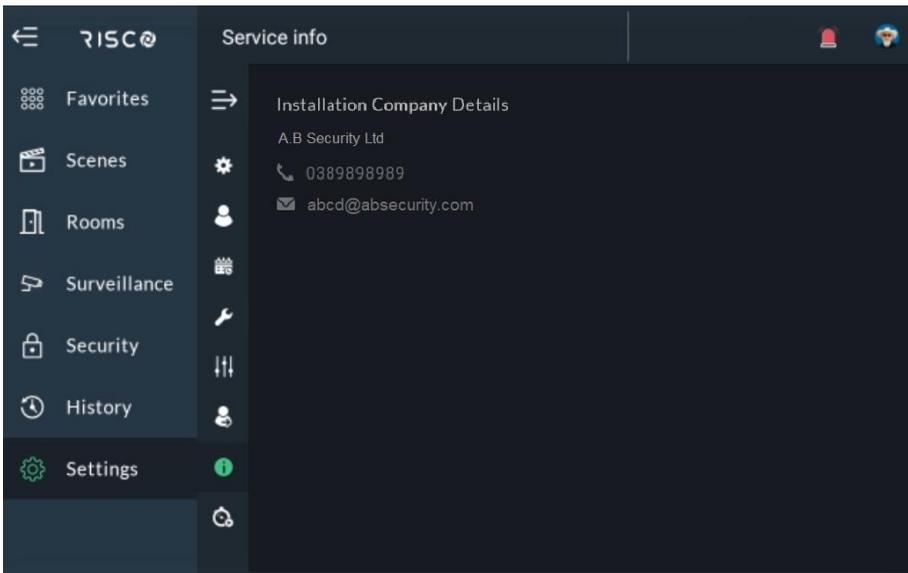


Figure 84: Service Info Screen

RULES

Rules allow you to operate a pre-set sequence of alarm commands and smart home devices. Rules can be triggered by manually pressing a button, by a daily, weekly or monthly schedule or by system events.

There are three types of rules, as follows:

- **Manual Rule** - manual activation of rules
- **Schedule Rule** - activation of rules at a specific time of day on a daily, weekly, monthly, or yearly basis
- **Event Rule** - activation of rules that are triggered by a security event in a partition or detector, or by a changed event in a smart home device.

Adding a New Rule

1. From the Settings Menu, click the Rules side tab; the following screen is displayed.

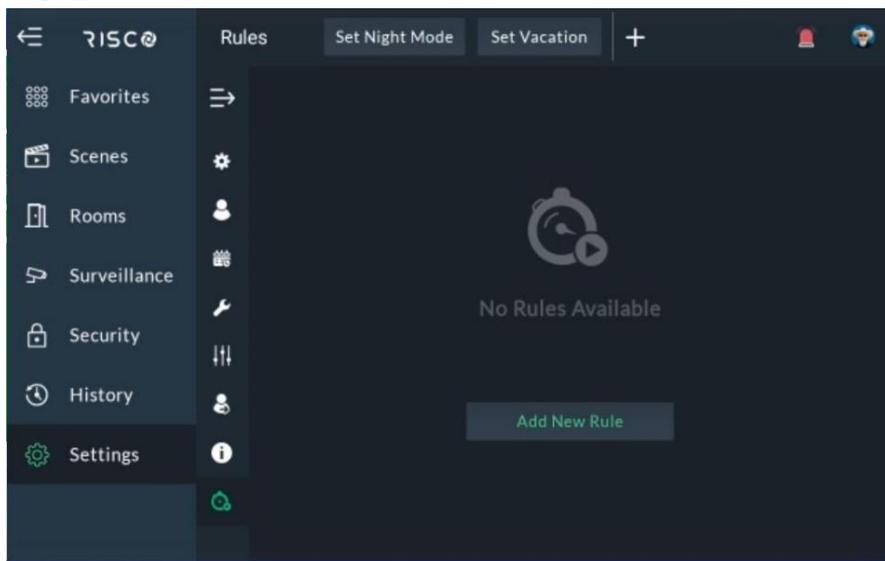


Figure 85: Rules Screen

2. Click the “Add New Rule” button or the “+” button (on the top right); the Rules Wizard opens.

Manual Rule

The screenshot shows the 'ADD NEW RULE' interface with the following details:

- Step 1. SETTINGS:** Name: "Going to work"
- Step 2. TRIGGER:** Radio buttons for "Manual" (selected), "Schedule", and "Event".
- Step 3. ACTIONS:** Rooms: "Group 1" (dropdown menu)
- Step 4. SUMMARY:** Icon: A person walking icon with a checkmark, selected. Icon Color: Green (selected).

Figure 86: Add New Rule Settings Screen

1. In the “Name field”, enter a suitable name for the rule.
2. Under “Trigger”, select Manual.
3. Under “Rooms” click the arrow and select the group to which to apply the rule.
4. Under “Icon” select an icon and then select a color for the icon from the displayed colors; the icon’s color will now change to the selected color.
5. Click “NEXT”; the ACTIONS screen is displayed
6. Go to **Performing Actions** to continue (page 90).

Schedule Rule

The screenshot shows the 'ADD NEW RULE' interface with four steps: 1. SETTINGS, 2. TRIGGER, 3. ACTIONS, and 4. SUMMARY. In the 'Name' field, the text 'Coming back from work' is entered. Under 'Trigger', the 'Schedule' radio button is selected. The 'Rule Active' dropdown menu is set to 'Always'. The 'Icon' section displays a row of seven icons: a trash can, a coffee cup, a person walking, a person walking with a bag, an umbrella, a film clapperboard, and a fork and knife. The person walking icon is selected with a checkmark. Below the icons is an 'Icon Color' section with nine color swatches: green, blue, light blue, pink, purple, red, white, yellow, and orange. A 'NEXT' button is located at the bottom center of the screen.

Figure 87: Schedule Rule Screen

1. In the “Name field”, enter a suitable name for the rule.
2. Under “Trigger”, select Schedule.

Rule Active defines the duration of time during which the rule will be active.

3. Select the Rule Active duration of time:
 - **Always (default)** – the rule will operate weekly or monthly without limitation.
 - **On Vacation** –the rule will operate only during vacation periods defined in the Set Vacation screen (see **Set Vacation**, page 98).
 - **Always Except for Vacation** – the rule will operate daily except for vacation periods. For example, scheduled rules for turning on the heating or water heater may operate daily but may not operate during the vacation period.
 - **Between Dates** – allows you to enable the rule for a set duration of time during the year. For example, summertime or wintertime. Choosing this option will open new fields to select start and end dates.
4. Under “Icon” select an icon and then select a color for the icon from the displayed colors; the icon’s color will now change to the selected color.
5. Click “NEXT”; the Schedule TRIGGER screen is displayed.

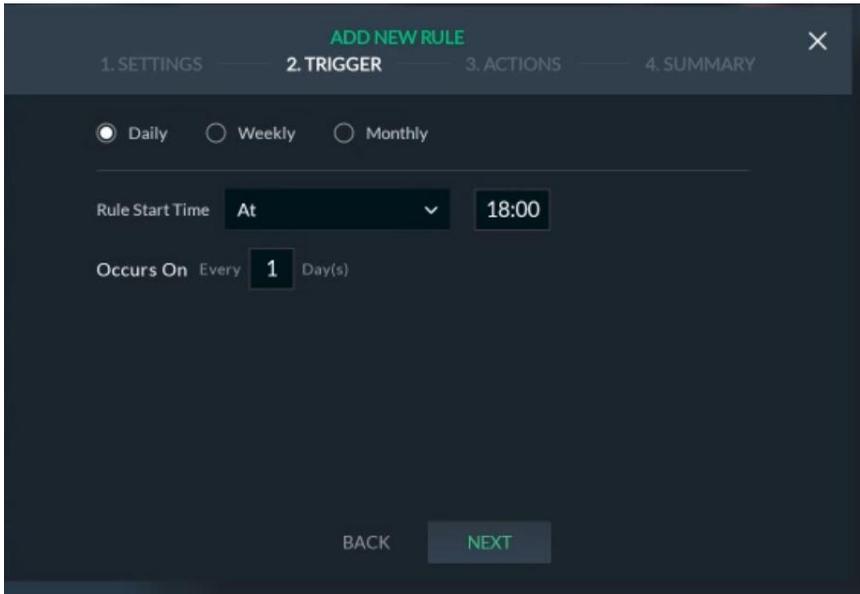


Figure 88: Schedule Trigger Main Screen

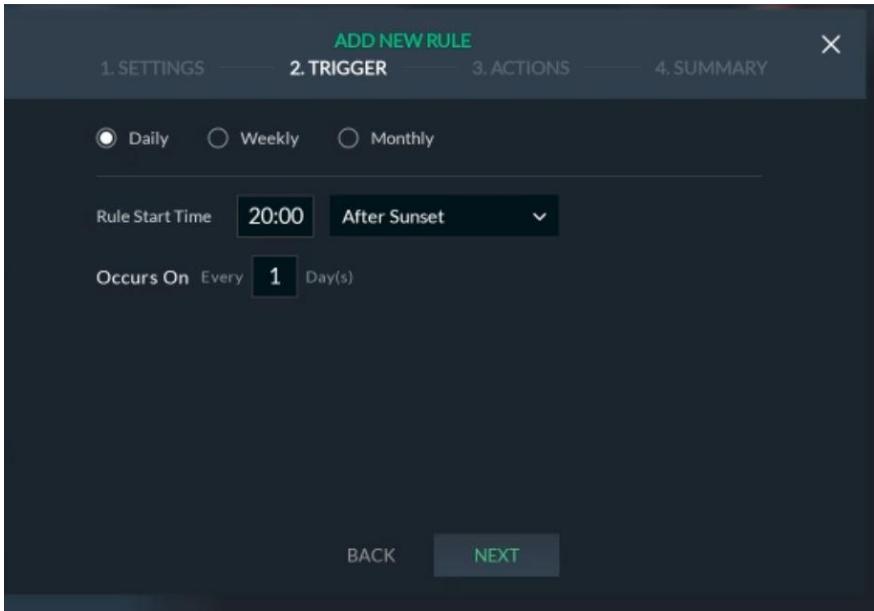
Schedule Trigger allows you to activate the rule at a specific time and day and at recurring daily, weekly or monthly duration of times.

The following section is divided into:

- Daily Schedule
- Weekly Schedule
- Monthly Schedule

Daily Schedule

The daily schedule allows the rule to be activated at a start time every “x” number of days, as defined.



1. SETTINGS 2. TRIGGER 3. ACTIONS 4. SUMMARY

ADD NEW RULE

Daily Weekly Monthly

Rule Start Time 20:00 After Sunset

Occurs On Every 1 Day(s)

BACK NEXT

Figure 89: Defining Daily Schedule Screen

1. Select Daily
2. Under “Rule start time”, click the drop-down list and select one of the following options and then enter the rule start time in the provided field.

IMPORTANT!

The sunrise/sunset rule start time will be available only if the RisControl is connected to the RISCO Cloud, and the site address is properly configured in the RISCO Cloud.

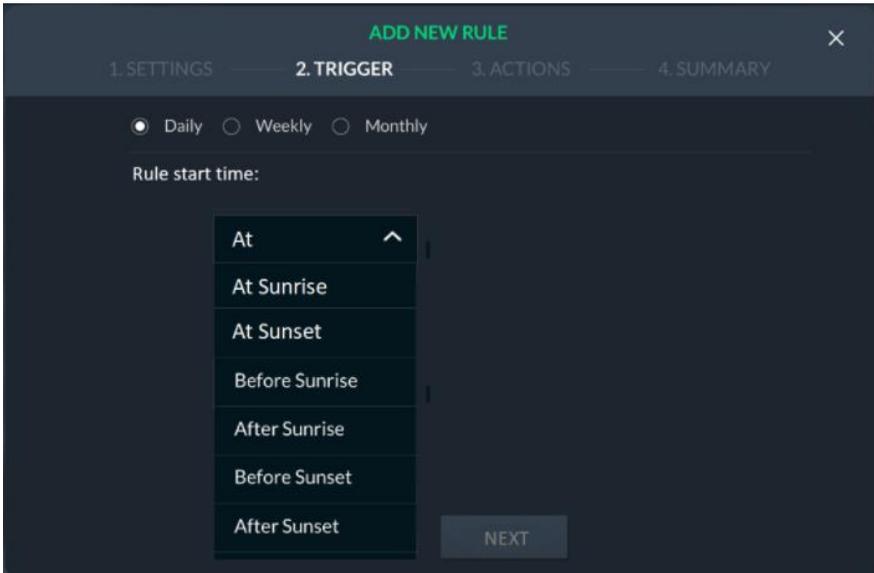


Figure 90: Rule Trigger Start Time Screen

Note: Sunrise and sunset times will be set according to the site location defined by the installer. The start time can be defined at sunset, sunrise or at a time before or after sunrise.

1. Enter the occurrence (in days) for the rule to be activated.
2. Click “Next”.

Weekly Schedule

The weekly schedule allows the rule to be activated at a start time on specific days of the week.

The screenshot shows a dark-themed interface for defining a rule. At the top, it says "ADD NEW RULE" in green, with a close button (X) on the right. Below this are four steps: "1. SETTINGS", "2. TRIGGER", "3. ACTIONS", and "4. SUMMARY". Under "2. TRIGGER", there are three radio buttons: "Daily", "Weekly" (which is selected), and "Monthly". Below that is a "Rule Start Time" section with a dropdown menu set to "At" and a time input field set to "00:00". At the bottom, there is a "Days" section with checkboxes for "Mon", "Tue", "Wed", "Thu", "Fri", "Sat", and "Sun". At the very bottom, there are two buttons: "BACK" and "NEXT" (which is highlighted).

Figure 91: Defining Weekly Schedule Screen

1. Select Weekly.
2. Under "Rule start time", click the drop-down list and select one of the available options and then enter the rule start time in the provided field.
3. Select the day/s of the week for the rule to be activated.
4. Click "Next"

Monthly Schedule

The monthly schedule allows the rule to be activated at a start time and date every “x” number of months, as defined.

The screenshot shows a dark-themed interface for defining a rule. At the top, it says 'ADD NEW RULE' in green. Below that are four steps: 1. SETTINGS, 2. TRIGGER (highlighted), 3. ACTIONS, and 4. SUMMARY. There are three radio buttons: 'Daily', 'Weekly', and 'Monthly', with 'Monthly' selected. Below this is a 'Rule Start Time' section with a dropdown menu set to 'At' and a time input field set to '18:00'. The 'Occurs On' section shows 'Day 10' and 'Of the following month (s):'. There are two rows of checkboxes for months: Jan, Feb, Mar, Apr, May, Jun in the first row, and Jul, Aug, Sep, Oct, Nov, Dec in the second row. At the bottom, there are 'BACK' and 'NEXT' buttons, with 'NEXT' highlighted in green.

Figure 92: Defining Monthly Schedule Screen

1. Select Monthly.
2. Under “Rule start time”, click the drop-down list and select one of the available options and then enter the rule start time in the provided field.
3. Select the day of the month for the rule to be activated.
4. Select the calendar month/s for the rule to be activated.
5. Click “Next”.

Go to **Performing Actions** to continue (page 90).

Event Rule

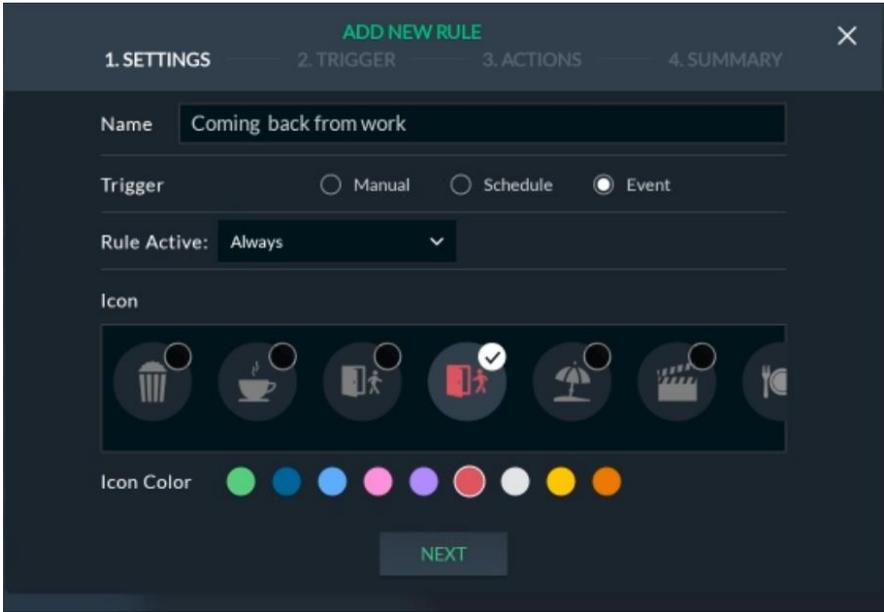


Figure 93: Event Rule Screen

1. In the “Name field”, enter a suitable name for the rule
2. Under “Trigger”, select Event.

Rule Active defines the duration of time during which the rule will be active.

3. Select the Rule Active duration of time:
 - **Always (default)** – the rule will operate weekly or monthly without limitation.
 - **On Vacation** –the rule will operate only during vacation periods defined in the Set Vacation screen (see **Set Vacation**, page 98).
 - **Always Except for Vacation** – the rule will operate daily except for vacation periods. For example, scheduled rules for turning on the heating or water heater may operate daily but may not operate during the vacation period.
 - **Between Dates** – allows you to enable the rule for a set duration of time during the year. For example, summertime or wintertime. Choosing this option will open new fields to select start and end dates.
4. Under “Icon” select an icon and then select a color for the icon from the displayed colors; the icon’s color will now change to the selected color.
5. Click “NEXT”; the TRIGGER screen is displayed.

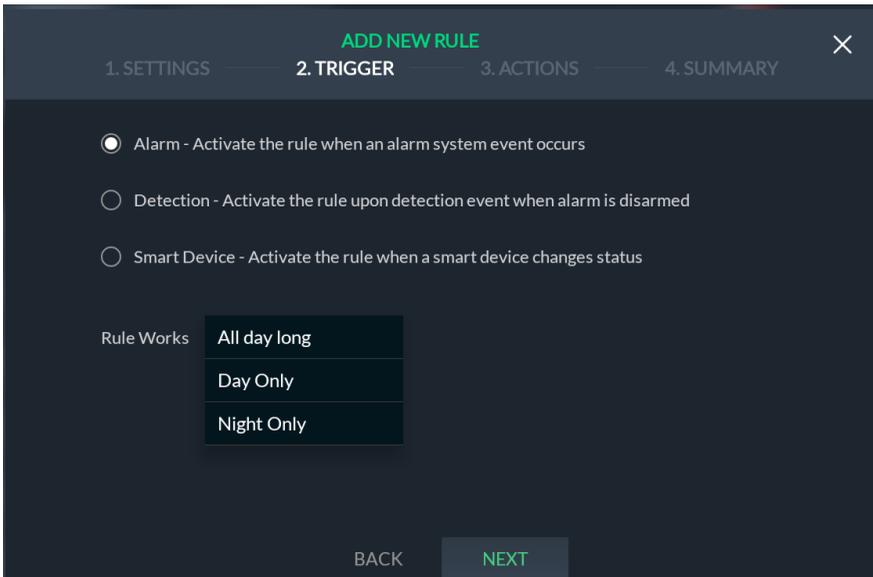


Figure 94: Event Rule Trigger Screen

6. Select to activate the rule when: an alarm system event occurs; upon detection event when alarm is disarmed; or when a smart device changes status.
7. Under "Rule Works", click the drop-down list and select one of the available options:
 - All day long: the rule will be active throughout the day
 - Night only: the rule will be active only at night
 - Day only: the rule will be active only during daytime
8. Click "Next"; the Alarm System Events selection screen is displayed.

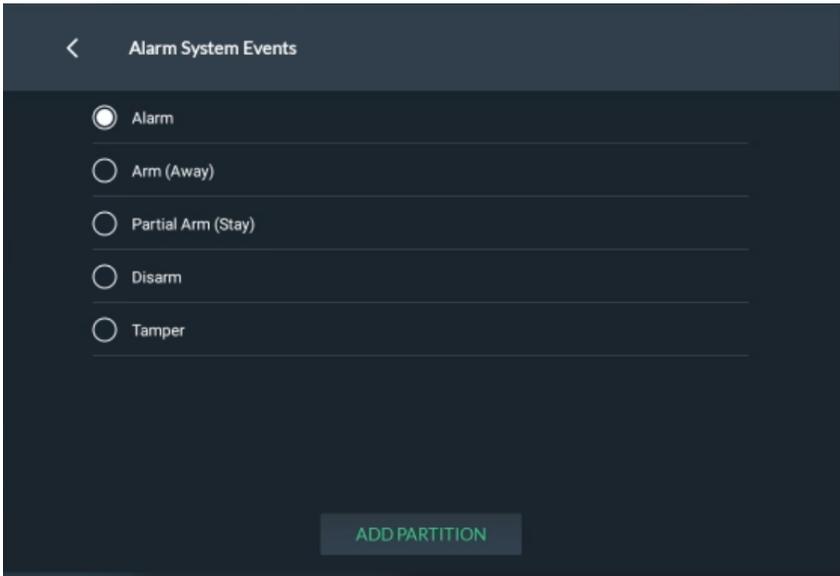


Figure 95: Alarm System Event Selection Screen

9. Select an alarm/disarm for the event and then click the “ADD PARTITION” button.

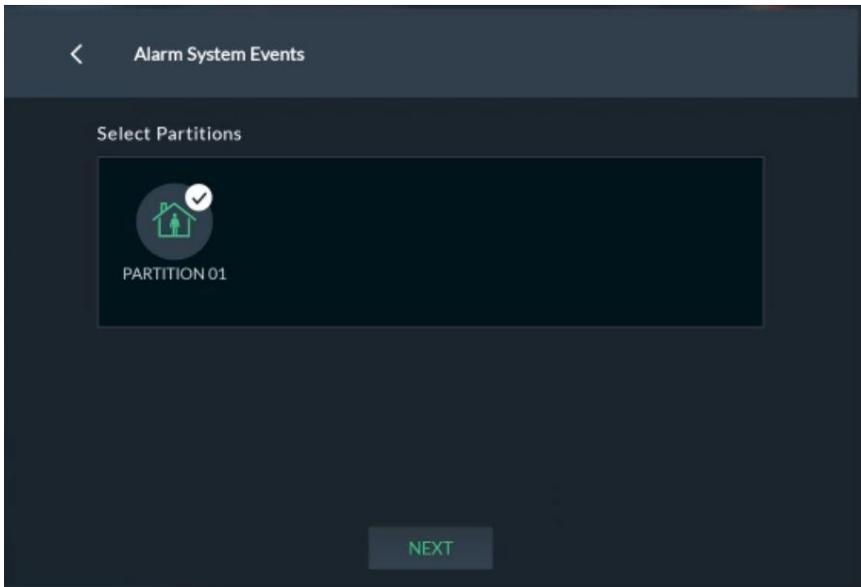


Figure 96: Alarm System Event Partition Selection Screen

10. Select a partition to assign to the event and then Click “Next”.
Go to **Performing Actions** to continue (page 90).

Performing Actions

Actions allow you to automatically arm/disarm selected partitions in different modes. You can also activate smart home devices and utility outputs. In addition, the time sequence of actions can be delayed from one action to the next.

To Arm/Disarm

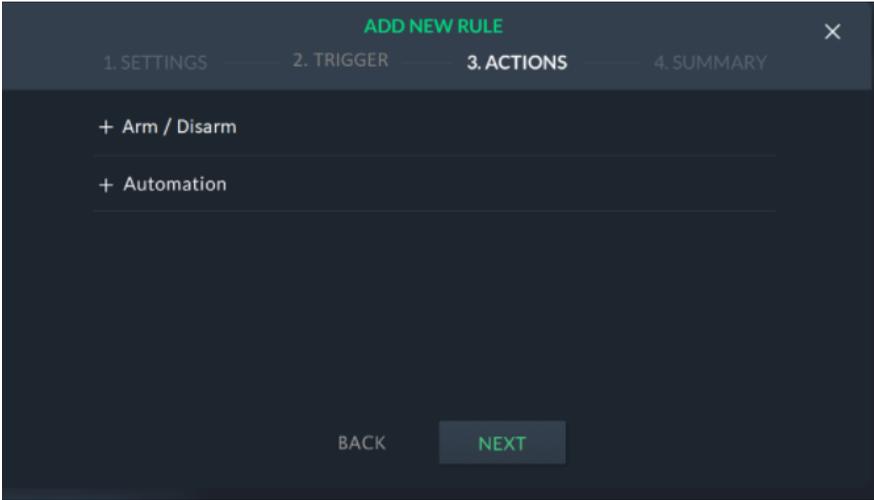


Figure 97: Add New Rule – Arm/Disarm Screen

1. From the “3.ACTIONS” tab, select “+ Arm / Disarm”; the following screen is displayed.

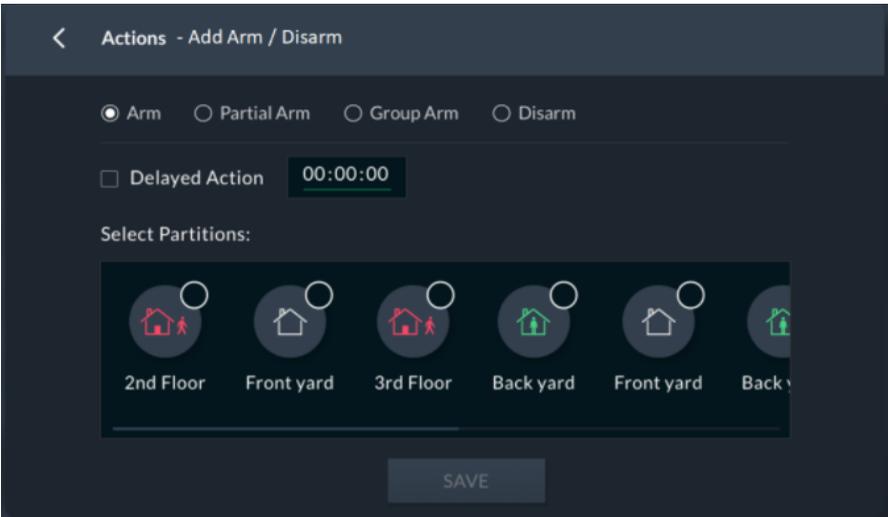


Figure 98: Actions – Add Arm / Disarm Screen

2. Select between Arm, Partial Arm, Group and Disarm.
3. Select the Delayed Action checkbox to delay the action and then enter the delay time in the provided field.
4. Select from the available partitions. If Group Arm was selected, also select the Groups (A–D) to be armed per partition.

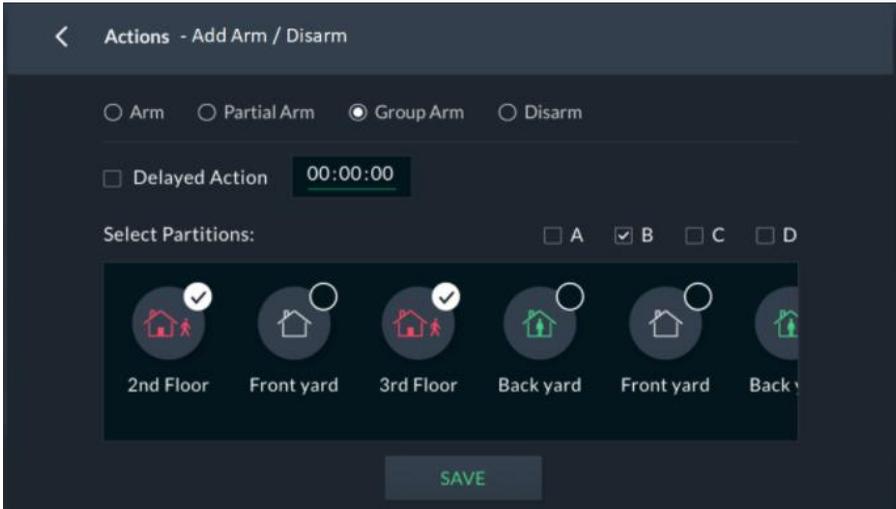


Figure 99: Actions – Add Arm / Disarm Group Selection Screen

5. Click the "SAVE" button; the "ACTIONS" opening screen is displayed and the selected partitions are now actions.

To activate smart home devices:

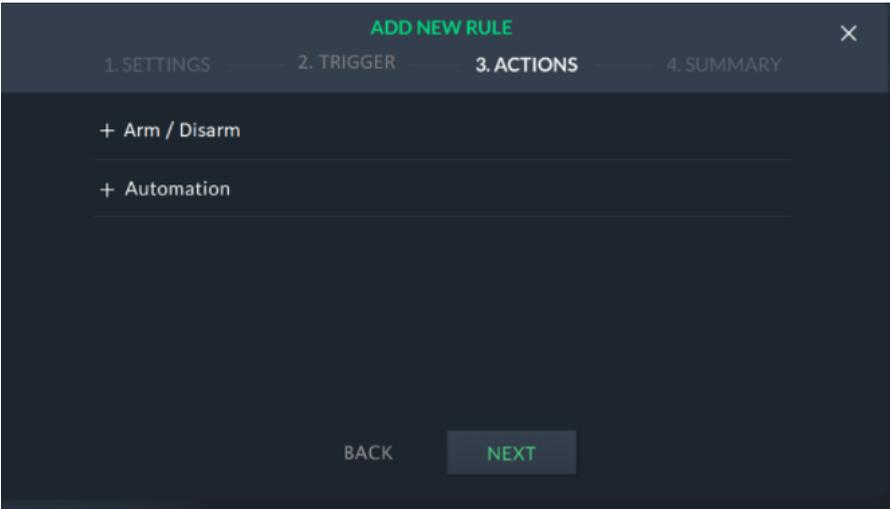


Figure 100: Actions –Automation Screen

1. From the opening Actions screen, Select “+ Automation”.

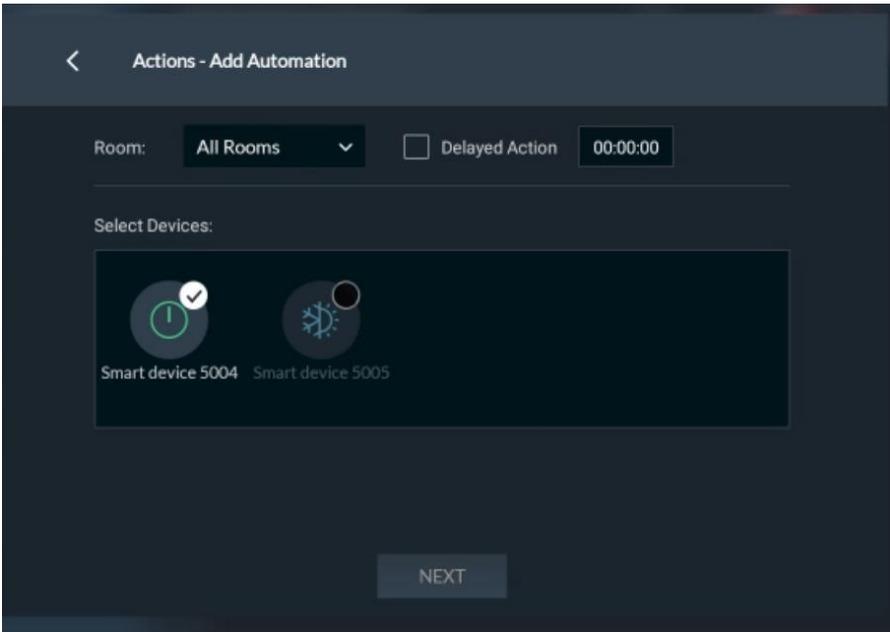


Figure 101: Actions – Automation Select Device Screen

2. Click the All Rooms arrow and select the Room/Rooms to apply the smart device activation.

3. Select the Delayed Action checkbox to delay the smart device activation and then enter the delay time in the provided field.
4. Select one of the available devices and then click “Next”.

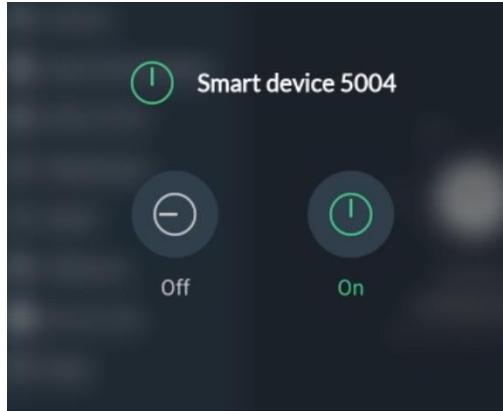


Figure 102: Actions – Automation Device Screen

5. Activate/deactivate the device.

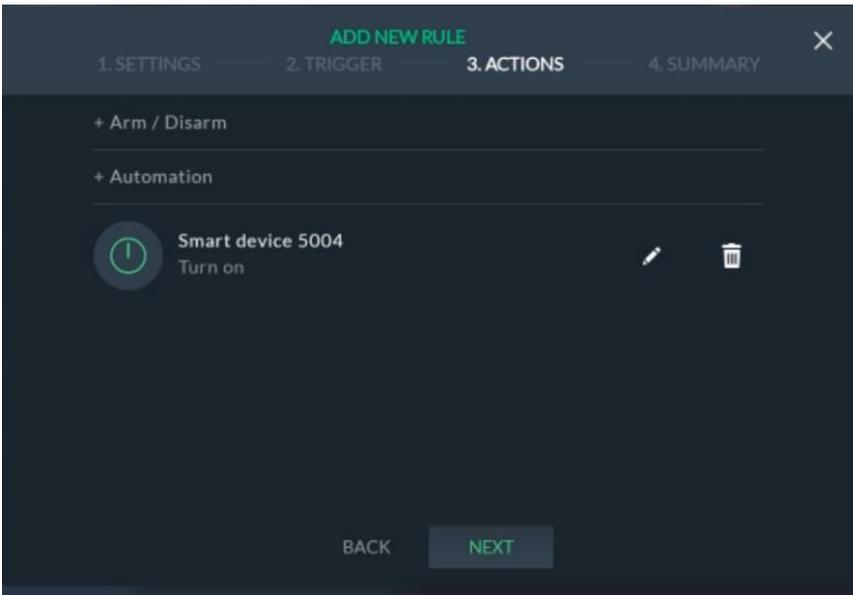


Figure 103: Actions – Automation Device Example Screen

You can now click “NEXT” to go to SUMMARY, click  to make changes to the device or click  to delete the device from the rule.

View Rules Summary

You can view a summary of the rules settings before saving the rule.

Note: The Summary screen varies according to Manual / Schedule / Event Trigger.

1. Click the “4.SUMMARY” tab; the following screen is displayed.

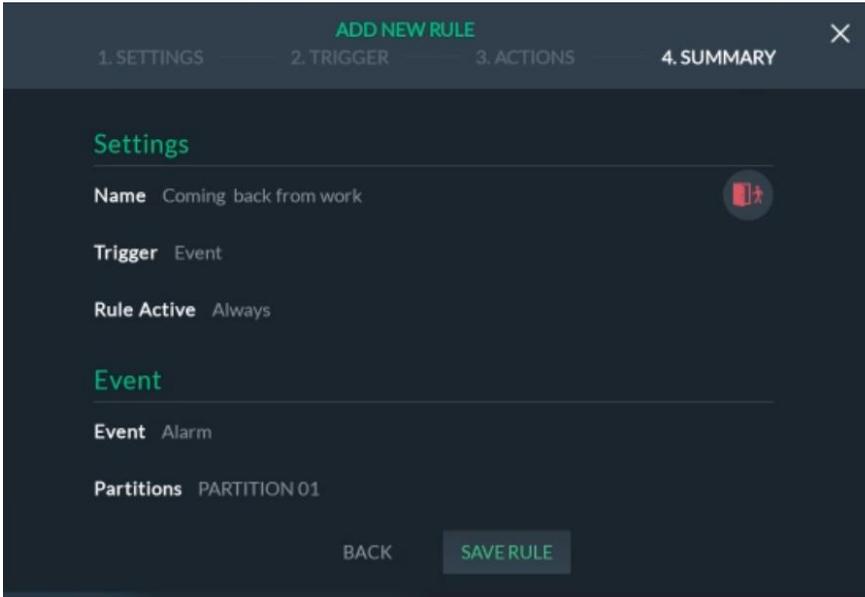


Figure 104: Actions Summary Screen

2. If the viewed information is correct; click the “SAVE RULE” button. The saved rule will now appear on the Rules opening screen.

Set Night Mode

Night Mode is used when the activation of a device follows the triggering of an event condition only during nighttime. For example, switching on a light switch during the night.

You can set specific time parameters to designate Night Mode.

1. From the Rules screen above, click the “Set Night Mode” button; the following screen is displayed.

Note: *Night Mode is from At Sunset to At Sunrise, by default.*

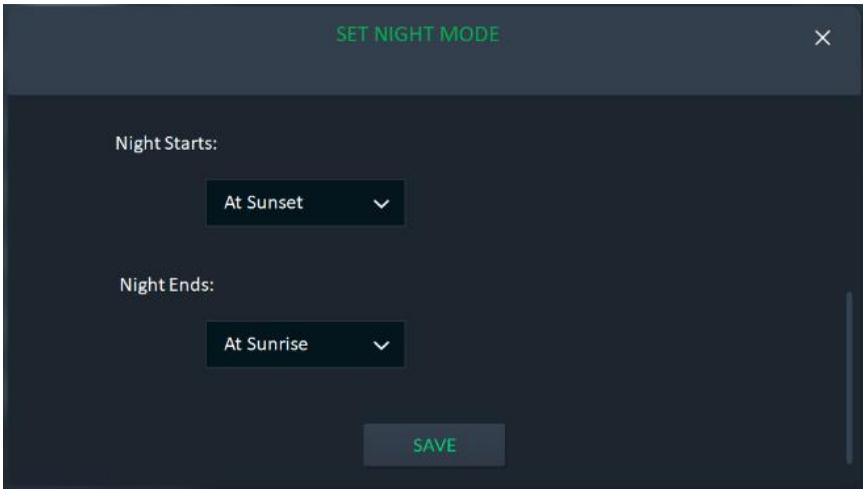


Figure 105: Set Night Mode Screen

2. Under “Night Starts/Ends”, click the arrow and select an option that defines when Night starts/ends.
3. Click the “SAVE” button

To Set Night Mode according to specific times:

1. Click "At"; the following time frame screen opens:

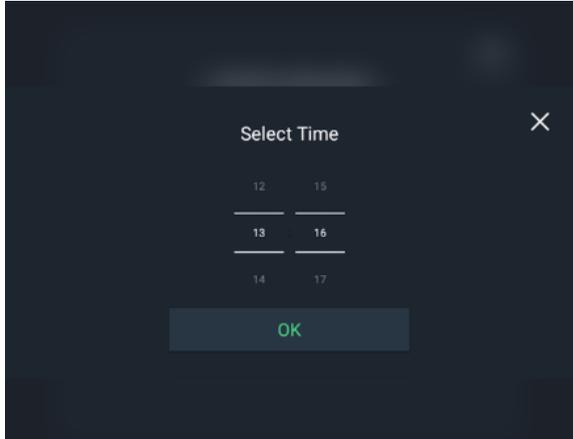


Figure 106: Set Time Screen

2. Set the time for the start/end of Night Mode (from 00:00 to 23:59).
3. Click the "OK" button.

To Set Night Mode before/after Sunset/Sunrise:

1. Click the dropdown list and select either Before Sunrise, After Sunrise, Before Sunset or After Sunset.

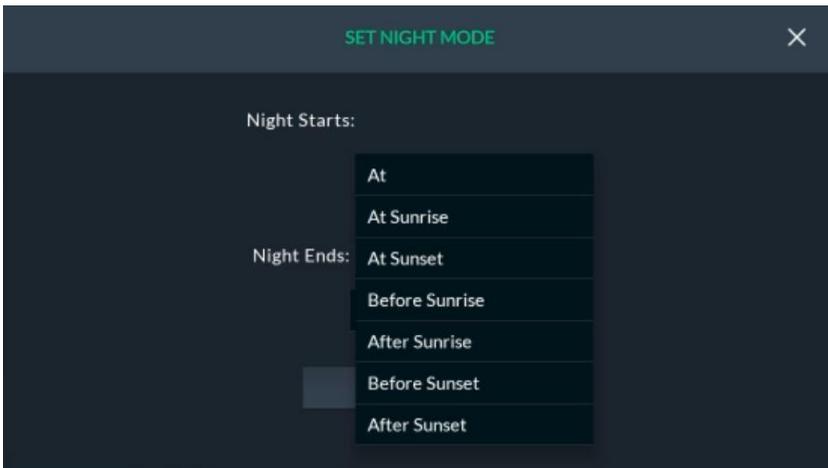


Figure 107: Set Night Mode Option Screen

2. Set the before/after time for the start/end of Night Mode.

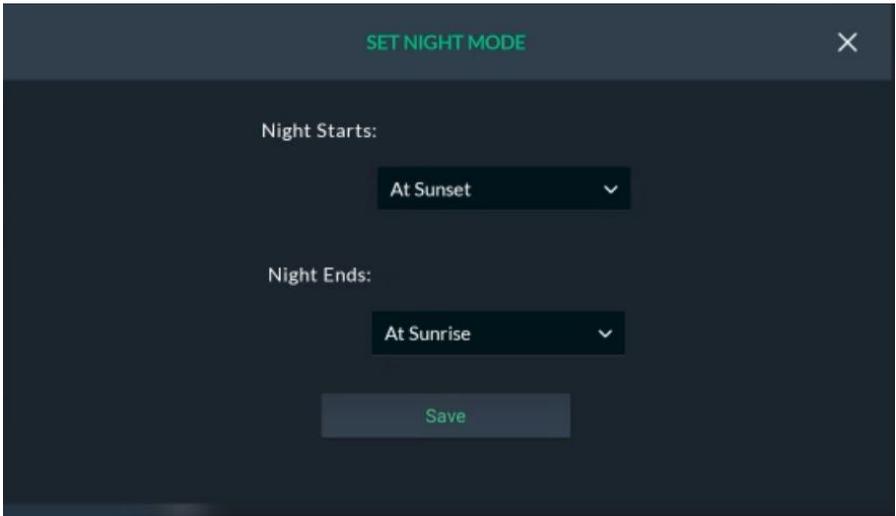


Figure 108: Set Night Start Time and End Time Screen

3. Click the "SAVE" button.

Set Vacation

A vacation is a period of time during which all rules that were set to operate during vacations will be active, and rules that were set not to operate during vacations will be inactive.

1. From the Rules screen above, click the “Set Vacation” button; the following screen is displayed.

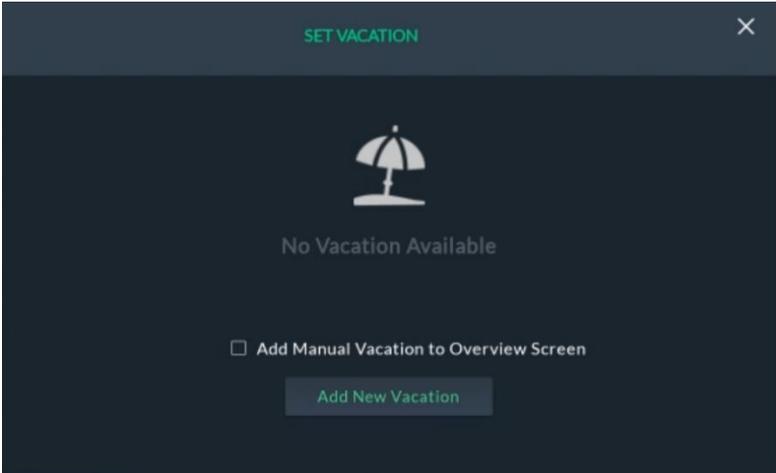


Figure 109: Set Vacation Screen

2. Click “Add New Vacation”.

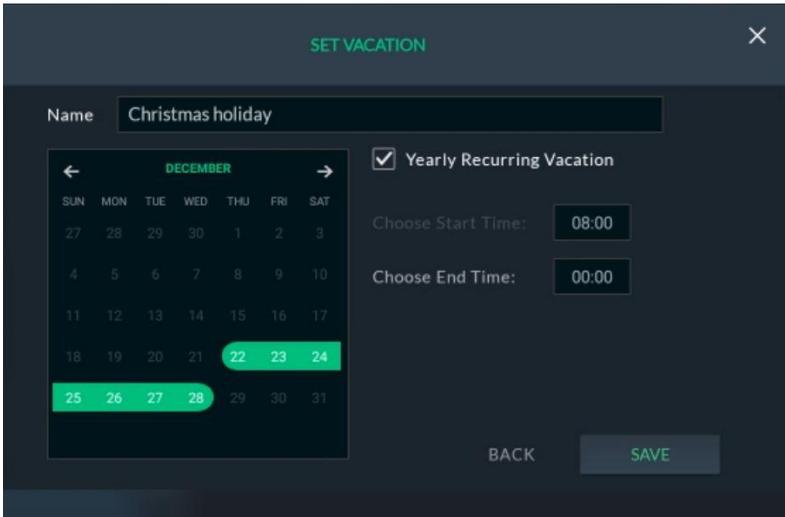


Figure 110: Set Start and End Dates and Times

3. Select the vacation start date and the vacation start time.

4. Select the vacation end date and then set the vacation end time
5. Select the “Yearly Recurring Vacation” checkbox to automatically schedule the same times and dates entered in future years.

Note: The last date on the screen indicates the end date and dates in between the start and end dates are enclosed in open-ended rectangles – even if the end date is in a different month to the start date.

6. Click the “Save” button; the scheduled vacation duration of time is displayed in the following screen.

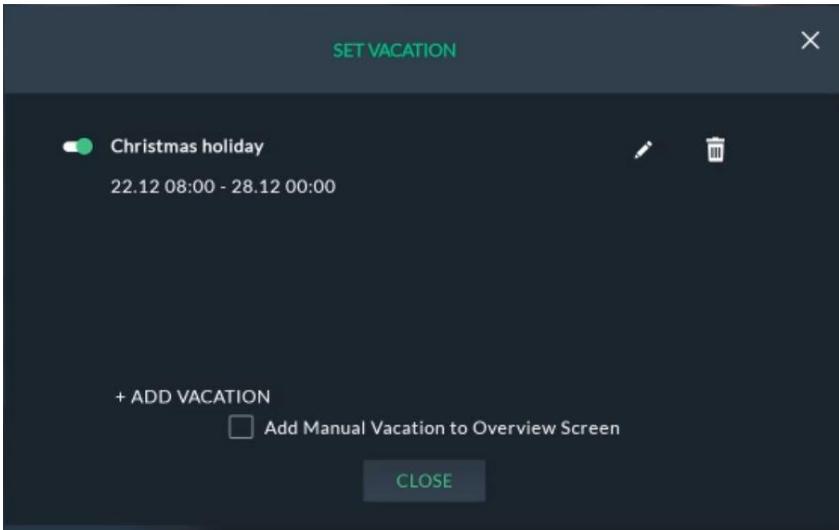


Figure 111: Vacation Schedule Summary Screen

7. You can:
 - Click  to edit the times and dates of the schedule vacation
 - Click  to delete the schedule vacation
 - Click the “+ ADD VACATION” button to set a new vacation duration of time
 - Select the “Add Manual Vacation to Overview Screen” to add the schedule vacation to the Favorites Screen
 - Click the “CLOSE” button to exit the screen.

EMERGENCY

The Emergency button appears at the top of the screen.

Note: The Emergency button will appear on the screen only if Emergency Keys was enabled by the installer in the panel.

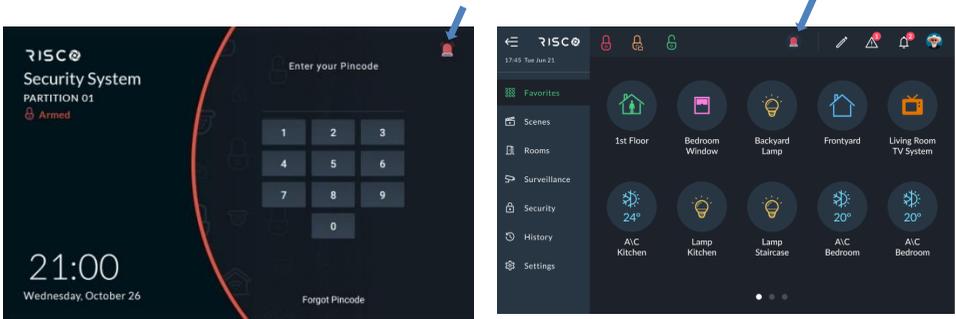


Figure 112: Emergency Button Screen

Activating the Emergency

Click the Emergency button ; the following screen is displayed.



Figure 113: Emergency Type Selection Screen

Click one of the 3 emergency options: you are presented with a corresponding popup that requires you to press two buttons simultaneously.

For example, if the “Fire” emergency is pressed, a popup appears as follows:

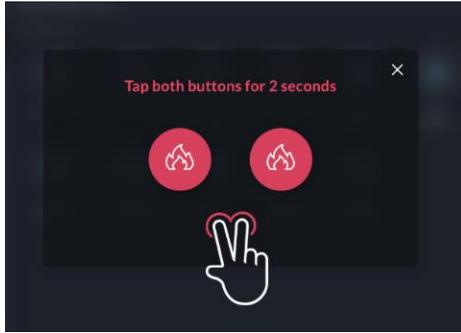


Figure 114: Click both buttons simultaneously

To activate the Emergency call, click the corresponding two buttons simultaneously for at least 2 seconds.

SPECIFICATIONS

Operating Voltage	13.8V ±10%
Power consumption	170 mA, 5W max.
Display	8-inch IPS, Resolution 800x1280, Illumination 300 cd/m ²
Type of touch screen	Capacitive touch, 5-point touch control supported
System	Android 7.1.2
CPU	A83T Octa-core Cortex A7
Memory	1G DDR3M RAM, 8G EMMC Flash
Wi-Fi	802.11 b/g/n 2.4 GHz
Bluetooth	BT 4.0, 2.4 GHz
Z-Wave®	EU – 868 MHz IL – 916 MHz US – 908 MHz AU – 921 MHz Output power: 4dBm Max
Output Power	20 dBm Max.
Operating Temperature	-10°C to 55°C (14°F to 131°F)
Speaker	1 speaker, 8 Ohm / 1W
Microphone	1xmic
Connections	USB – 1xtype C USB Jack RS-485 – detachable terminal block
Tamper	1xTamper
Standard	EN50131-3, Grade 3 Environmental Class II, PD 6662:2017
P/N	RP432KPTZAUA RisControl+Z-Wave® for AU RP432KPTZEUA RisControl+Z-Wave® for EU RP432KPTZILA RisControl+Z-Wave® for IL RP432KPTZUSA RisControl+Z-Wave® for US RP432KPTP00A-RisControl IPS Touchscreen KP+ Proximity

UKCA and CE RED Compliance Statement:

Hereby, RISCO Group declares that this equipment is in compliance with the essential requirements of the UKCA Radio Equipment Regulations 2017 and CE Directive 2014/53/EU.

For the UKCA and CE Declaration of Conformity please refer to our website:

www.riscogroup.com

FCC ID:JE4RP432KPTZ

This device complies with part 15 of the FCC Scenes. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation

Changes or modifications to this equipment which are not expressly approved by the party responsible for compliance (RISCO Group's.) could void the user's authority to operate the equipment.

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 Scenes.

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 on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

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

RF Exposure Statement:

For the product, under normal use condition is at least 20cm away from the body of the user, the user must keep at least 20 cm distance to the product.

Standard Limited Product Warranty ("Limited Warranty")

RISCO Ltd. ("RISCO") guarantee RISCO's hardware products ("Products") to be free from defects in materials and workmanship when used and stored under normal conditions and in accordance with the instructions for use supplied by RISCO, for a period of (i) 24 months from the date of delivery of the Product (the "Warranty Period"). This Limited Warranty covers the Product only within the country where the Product was originally purchased and only covers Products purchased as new.

Contact with customers only. This Limited Warranty is solely for the benefit of customers who purchased the Products directly from RISCO or from an authorized distributor of RISCO. RISCO does not warrant the Product to consumers and nothing in this Warranty obligates RISCO to accept Product returns directly from end users who purchased the Products for their own use from RISCO's customer or from any installer of RISCO, or otherwise provide warranty or other services to any such end user directly. RISCO's authorized distributor or installer shall handle all interactions with its end users in connection with this Limited Warranty. RISCO's authorized distributor or installer shall make no warranties, representations, guarantees or statements to its end users or other third parties that suggest that RISCO has any warranty or service obligation to, or any contractual privity with, any recipient of a Product.

Remedies. In the event that a material defect in a Product is discovered and reported to RISCO during the Warranty Period, RISCO shall accept return of the defective Product in accordance with the below RMA procedure and, at its option, either (i) repair or have repaired the defective Product, or (ii) provide a replacement product to the customer.

Return Material Authorization. In the event that you need to return your Product for repair or replacement, RISCO will provide you with a Return Merchandise Authorization Number (RMA#) as well as return instructions. Do not return your Product without prior approval from RISCO. Any Product returned without a valid, unique RMA# will be refused and returned to the sender at the sender's expense. The returned Product must be accompanied with a detailed description of the defect discovered ("Defect Description") and must otherwise follow RISCO's then-current RMA procedure published in RISCO's website at www.riscogroup.com in connection with any such return. If RISCO determines in its reasonable discretion that any Product returned by customer conforms to the applicable warranty ("Non-Defective Product"), RISCO will notify the customer of such determination and will return the applicable Product to customer at customer's expense. In addition, RISCO may propose and assess customer a charge for testing and examination of Non-Defective Product.

Entire Liability. The repair or replacement of Products in accordance with this Limited Warranty shall be RISCO's entire liability and customer's sole and exclusive remedy in case a material defect in a Product is discovered and reported as required herein. RISCO's obligation and this Limited Warranty are contingent upon the full payment by customer for such Product and upon a proven weekly testing and examination of the Product functionality.

Limitations. This Limited Warranty is the only warranty made by RISCO with respect to the Products. The warranty is not transferable to any third party. To the maximum extent permitted by applicable law, this Limited Warranty shall not apply and will be void if: (i) the conditions set forth above are not met (including, but not limited to, full payment by customer for the Product and a proven weekly testing and examination of the Product functionality); (ii) if the Products or any part or component thereof: (a) have been subjected to improper operation or installation; (b) have been subject to neglect, abuse, willful damage, abnormal working conditions, failure to follow RISCO's instructions (whether oral or in writing); (c) have been misused, altered, modified or repaired without RISCO's written approval or combined with, or installed on products, or equipment of the customer or of any third party; (d) have been damaged by any factor beyond RISCO's reasonable control such as, but not limited to, power failure, electric power surges, or unsuitable third party components and the interaction of software therewith or (e) any failure or delay in the performance of the Product attributable to any means of communication provided by any

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This RISCO product was purchased at:

Note: This product can be operated in any Z-Wave® network with other Z-Wave® certified devices from other manufacturers. All mains operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.



Compliant with Z-Wave Plus®

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