

'INTERRA

— *Developer of Uniqueness* —

iX10 Touch Panel

Product Manual



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1. Content of The Document

This document contains Interra ITR110-X4X0 iX10 Touch Panel devices' electronic and all essential feature information for programming the products. Each subtitle has explained the characteristics of the device. Modifications of the product and special change requests are only allowed in coordination with product management.

This manual provides detailed technical information concerning ITR110-X4X0 iX10 Touch Panel. All the models have the same software functionality so, the features described in this document apply to all versions.

This user manual is intended for use by KNX installers and describes the functions and parameters of the Interra Touch Panel family devices and how it is possible to change the settings and configurations using the Interra Configurator. This document also describes the installation, programming, commissioning and use of the devices with detailed information.

2. Product Description

ITR110-X4X0 series Interra Touch Panel devices are the newest products of Interra Technology. The Interra Touch Panels are designed for use in the main interior areas of buildings. Interra Touch Panels are designed to control the entire automation system from a single smart point. Interra Touch Panels can control complex systems such as switches, simple sensors, lighting, heating systems, camera and alarm systems from a central point.

Mobile control can be done by downloading Interra Pro software from online software markets related to IOS or Android-based devices. The configuration software (Interra Configurator) can be downloaded from our website (www.interratechnology.com) for the Interra Touch Panel Configuration.

With Interra Touch Panel, the house can be controlled via voice command assistants such as Hey Interra Voice Assistant.

2.1. Technical Information

The following table shows the technical information of the iX10 Touch Panel.

Device	iX10 Touch Panel
Product Code	ITR110-X4X0
Power Supply	12-30 VDC Power Supply or PoE+
Nominal Current Consumption	1.45 A @12 VDC
	0.7 A @24 VDC
	0.6 A @30 VDC
Communication Current (from the KNX Bus)	5 mA
Max. Power Consumption	18 W
Display	10" Screen with multitouch function, Resolution 1280x800
CPU	Quad-Core ARM Cortex-A53
Memory	2 GB DDR3
Storage	8 GB EMMC
OS	Interra Operation System base of AOSP 7.1
USB	2 x USB2.0
KNX	1 x KNX Connector
Button	Reset button
Peripherals	Temp/Hum Sensor, Feedback backlight, MEMS Microphone
Other	Hey Interra Voice assistance
Network	100Mbps Ethernet and USB WIFI
RTC	Real Time Clock up to 5 days
Inputs/Outputs	6 Digital Dry Contact Input, 6 Relay Output
Type of Protection	IP 20
Temperature Range	Operation (-20°C...70°C)
	Storage (-30°C...100°C)
Dimensions	205 x 273 x 36 mm (W x L x H)
Configuration	With Interra Configurator Software

2.2. Models and Variations

I T R 1 1 0 - X₁ 4 X₂ 0



X ₁	0	1	2	3
KNX	x	✓	x	✓
PoE+	x	x	✓	✓

Table 1: iX10 KNX/PoE+ Status

X ₂	Case Type
0	Full Screen
1	Full Frame

Table 2: Case Type

2.3. General Features

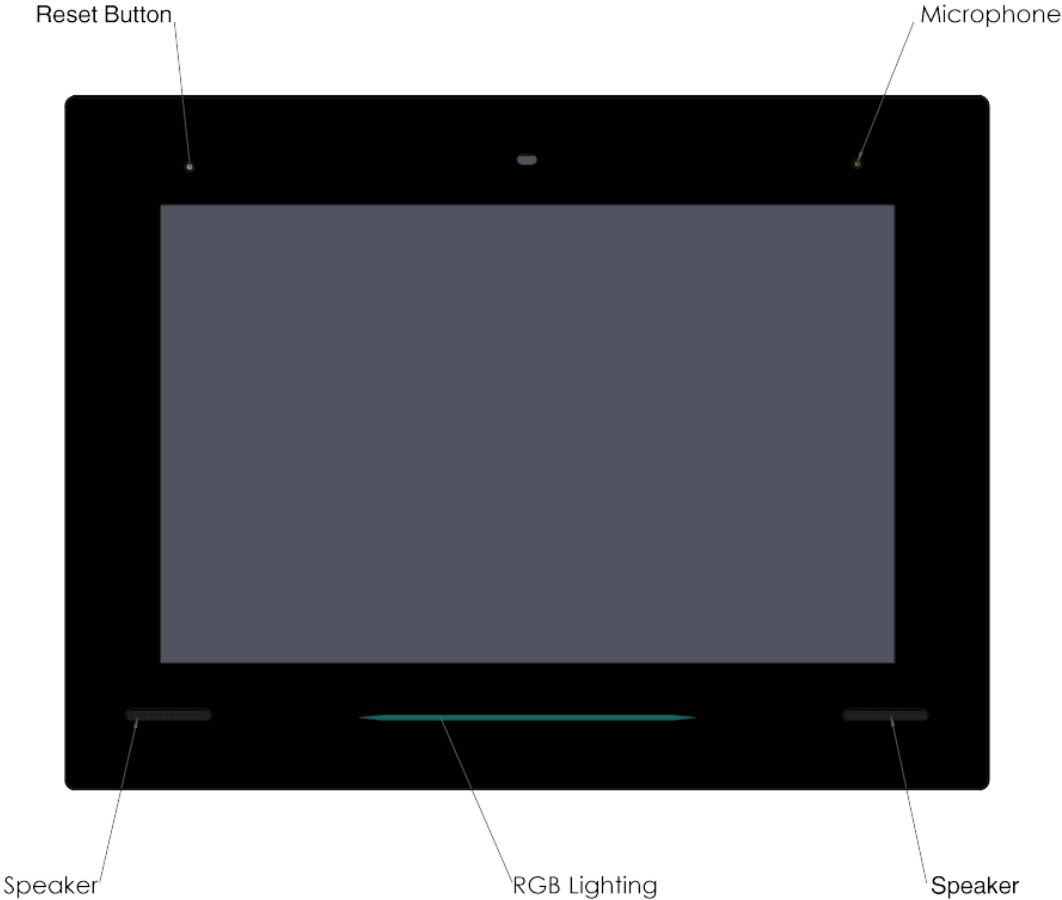


Fig. 1: iX10 General Features

2.4. Dimensions

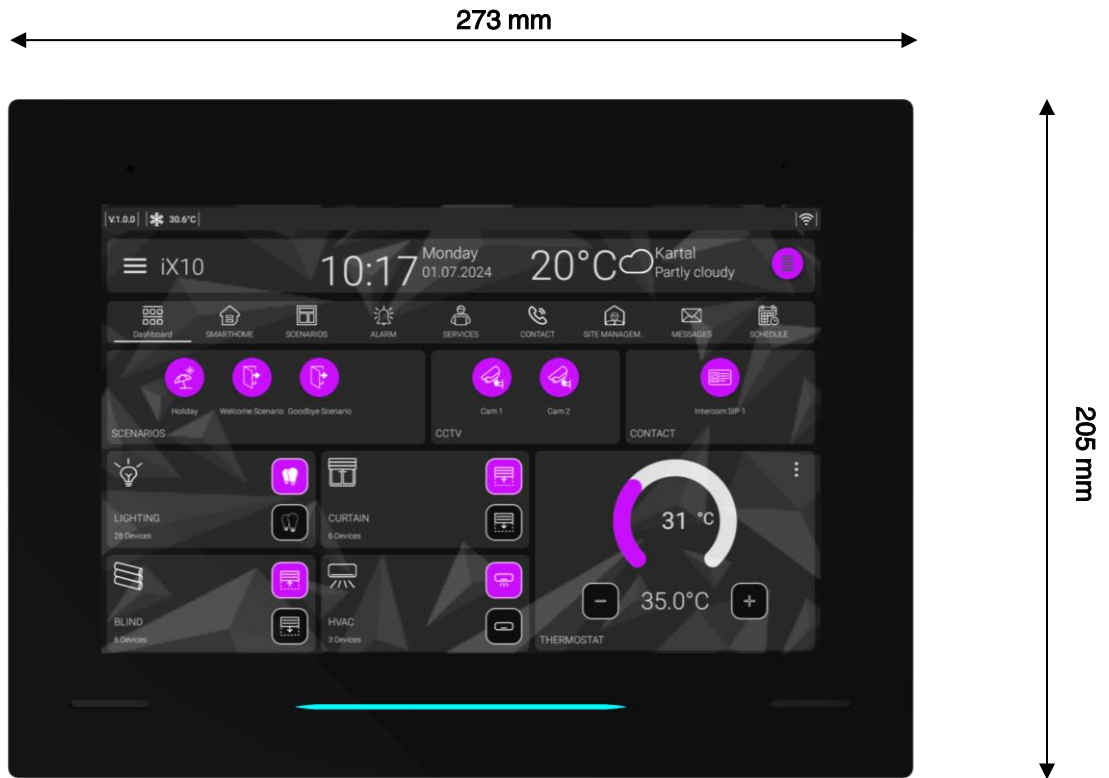


Fig. 2: iX10 Dimensions

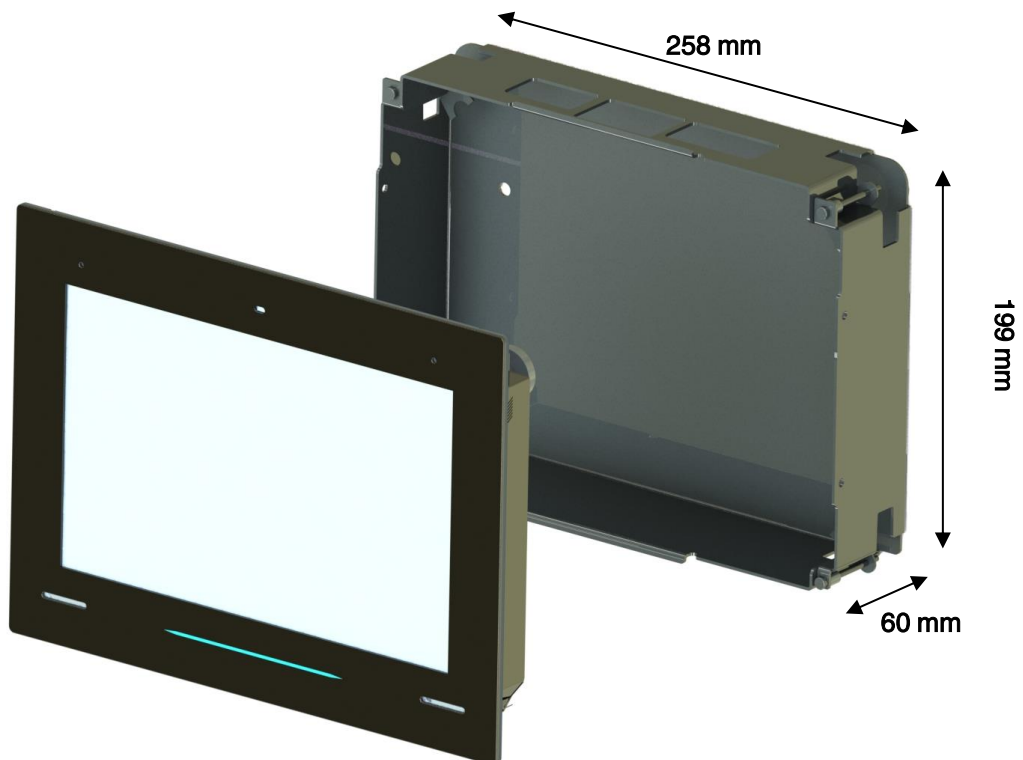


Fig. 3: iX10 Mounting Box Dimensions

2.5. Mounting

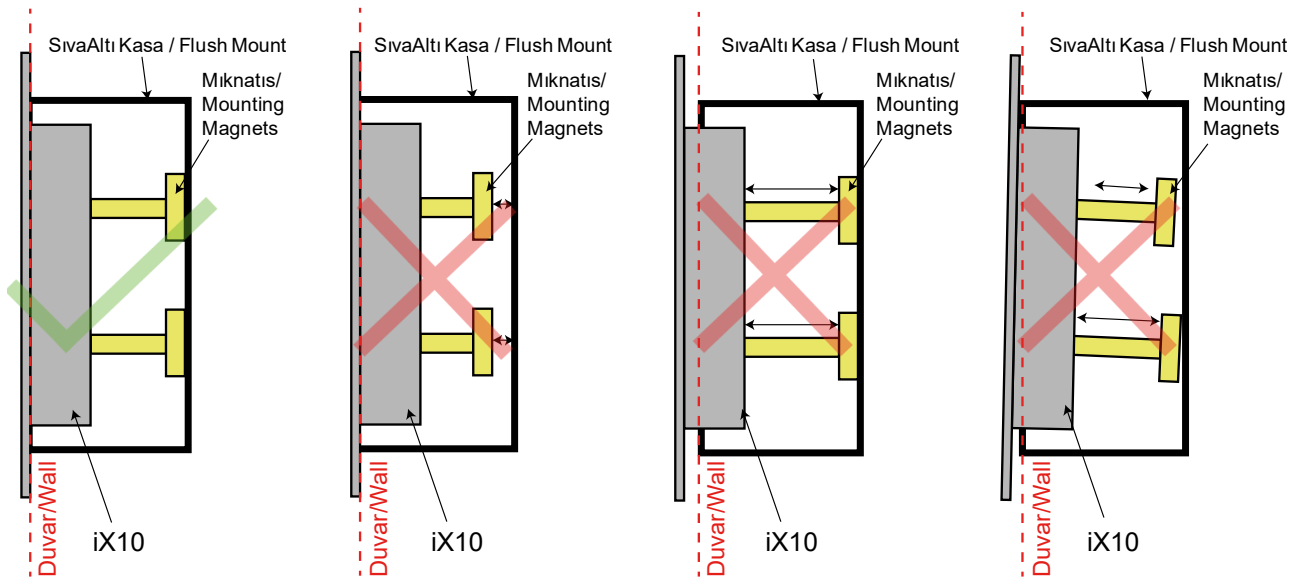


Fig. 4: Mounting Diagram

The device is suitable for use in dry interior rooms and can only be mounted on a standard-sized round or square wall flush mounting box. The iX10 should be mounted only after the wall painting is completed to avoid damaging the product's appearance. Important considerations for mounting are listed below.

- I. The height of the mounting magnets must be adjusted with the help of screwdriver so that the iX10 product fits perfectly on the wall.
- II. When the iX10 is mounted on a wall, the magnets should be neither too high nor too low to touch the metal surface.

2.6. Connection Diagram

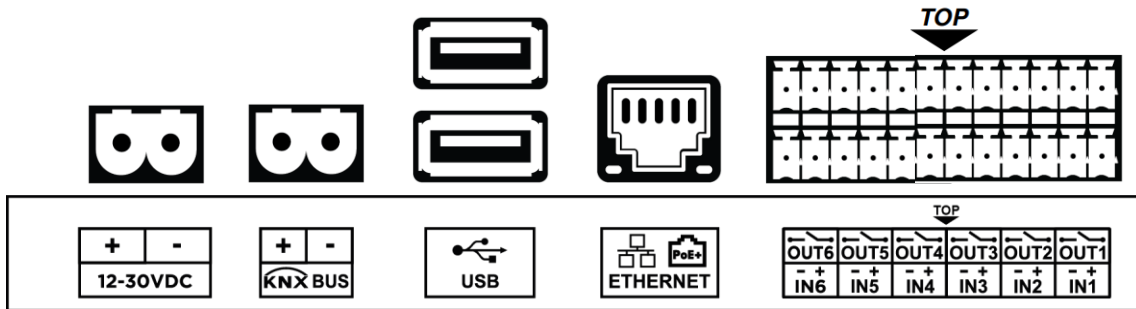


Fig. 5: Connectors Diagram

Voltage: The panel is powered with 12-30 VDC via 2-pos red coloured connector. Connector label shows the correct polarity for cable connections.

KNX: The panel has a red-black 2-pos connector for KNX port. Connector label show the correct polarity for cable connections.

USB: The iX10 features two USB host connectors on the side panel for various purposes like storage expansion and Wi-Fi dongle use.

Ethernet: The panel includes a standard 10/100Mbps RJ45 Ethernet connector.

I/O: The panel has 6 digital dry contact inputs and 6 relay outputs, Output relay contacts capable of driving 250VAC 5A resistive loads.

2.7. Functionality

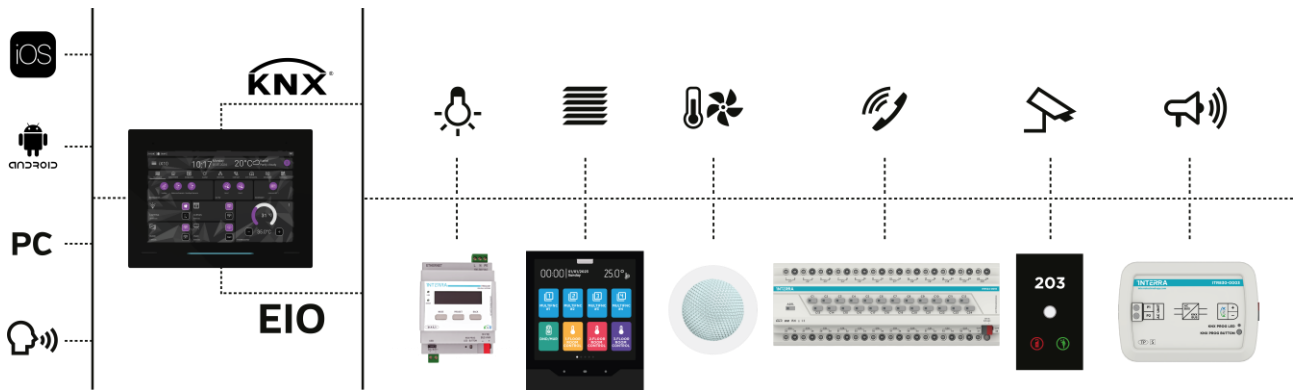


Fig. 6: Functionality Diagram

- ✓ **Automation Control:** Control EIO (IO Module controlled over ethernet) and KNX automation systems with the Interra Touch Panel.
- ✓ **Timer Feature:** Schedule operations daily, weekly, monthly, or annually using the panel's timer.
- ✓ **Security Control:** Manage security systems and view cameras via the panel and mobile apps.
- ✓ **Logic Operations:** Perform various logic operations with the Interra Touch Panel
- ✓ **Push Notifications:** Receive instant notifications on mobile via Google and Apple Cloud.
- ✓ **IoT Devices:** Control all IoT-compatible devices with the Interra Touch Panel.
- ✓ **Voice Control:** Control the house using voice commands with assistants like Hey Interra Voice Assistant.

2.8. Installation

Interra Touch Panel is connected to the KNX bus through the built-in terminal. An external DC power supply (12 V) that delivers 1.1 A of current is also required. The KNX power and the external power must be provided by separate supplies, to avoid interference to the KNX bus. This external power must be supplied to the device through the corresponding terminal provided within the original packaging.

For detailed information about the technical features of Interra Touch Panels, as well as on security and installation procedures, please refer to the device Datasheet, bundled within the device packaging and also available at www.interratechnology.com

2.9. Start-Up

After installing the device and connecting the bus line, power supply and Ethernet, the device can be started up.

2.10. Configuration

Configuration the Interra Touch Panels via the Interra Configurator app.

2.10.1. Installation of Interra Configurator App

The configuration software (Interra Configurator) can be downloaded from our website (www.interratechnology.com) for the Interra Touch Panel configuration.

3. Main Screen (Dashboard)

The user interface that you can see in the image below is the touch panel main screen. This interface consists of 6 areas. These are the status bar, information bar, tab bar, menu content, side bar and preferences menu section.



Fig. 7: Main Screen

NUMBER	PART NUMBER	NAME
1	1.1	Status Bar
2	1.2	Information Bar
3	1.3	Tab Bar
4	1.4	Menu Content
5	11	Side Bar
6	14	Preferences Menu

3.1. Status Bar

In the status bar section, there is the version number of the panel user interface program in the upper left corner. Also, the network connection status is shown by the Wi-Fi icon in the upper right corner.

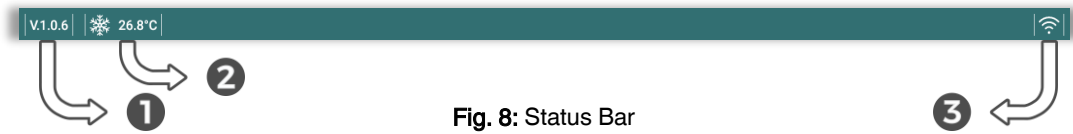


Fig. 8: Status Bar

NUMBER	NAME
1	Version
2	Temperature Status
3	KNX/Wi-Fi Status

- 1 This part shows the version of the device.

- 2 Notifications are shown in this part.

- 3 KNX/Wi-Fi Connection Status is shown in this part.

3.2. Information Bar

In the Information bar section, date, time and day information, weather temperature and weather information in the current region, project name and location information can be accessed.

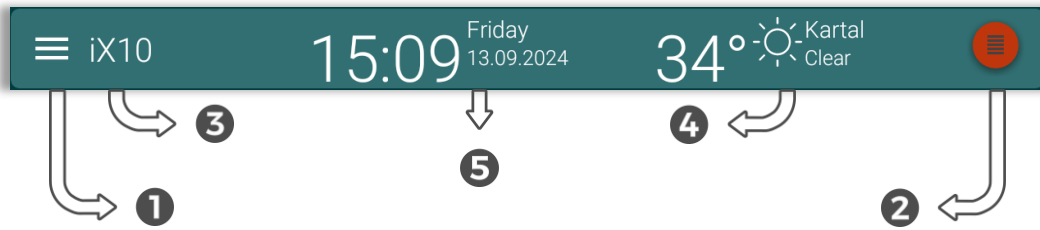


Fig. 9: Information Bar

NUMBER	NAME
1	Side Menu
2	Preferences Menu
3	Device Name
4	Weather Condition
5	Time and Calendar

You can follow instant information from this constantly updated section. In addition, there are 2 user interface buttons in this bar. The functions of the buttons are described below:

- 1 This touch button is used to access the side menu. This section includes user manual, about, linked mobile users, etc. You can access the information and make the desired changes. The submenus for the settings menu are described in the following sections.
- 2 This touch button is used to access preferences menu. This section includes theme changes, general settings, screen saver, system info and “Hey Interra”. You can access the information and make the desired changes. The submenus for the settings menu are described in the following sections.
- 3 The name of the Touch Panel is shown in this section.
- 4 Information about the current location's weather is displayed here.
- 5 The time and date are displayed in this section.

3.3. Tab Bar

In the tab bar section, dashboard, smarthome, scenarios, alarm, services, contact, site management, messages and schedule can be made.



Fig. 10: Tab Bar

Using these touch buttons, you can access the locations where the controls are defined from the shortcut and control the devices.

3.4. Menu Bar

In the menu section, location-based building automation controls, scenarios, services, communication, cameras, site management, messages, timer operations etc. can be performed.



Fig. 11: Menu Bar

You can access the related sub-sections by using the touch buttons that represent the operations on this screen.

4. Smarthome

On the Smarthome page, there are locations defined for the panel. From this section, you can access the settings for the Lighting, Curtain, Blind, Air Conditioning, and General functions of the devices assigned to these locations.



Fig. 12: Smarthome Screen

NUMBER	NAME
1	Location Content
2	Shortcut Bar

- 1 This section contains the locations defined on the panel. Each location is divided into separate boxes, allowing access to the respective locations.

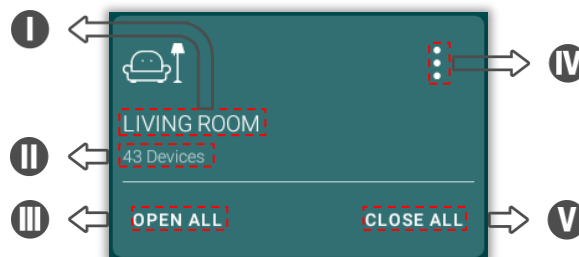


Fig. 13: Location Box

- I The name of the Location is shown in this section.
- II The number of devices defined within the location is displayed in this section.

- III This touch button is used to activate the Lighting, Blind, Curtain, and General functions of all devices defined within the location.
- IV This touch button is used to individually toggle the Lighting, Blind, Curtain, and General functions of all devices defined within the location.
- V This touch button is used to turn off the Lighting, Blind, Curtain, and General functions of all devices defined within the location.

When the selected location is entered, there is a page displaying a list of all devices within the location.



Fig. 14: Living Room Window

- I This touch button is used to return to the smarthome page.
- II This touch button is used to move to the back location.
- III This touch button is used to open the menu that controls the selected functions in this room. If “Dashboard” is selected from the function bar, the Open All and Close All commands will appear as shown in the illustration (Fig. 15).

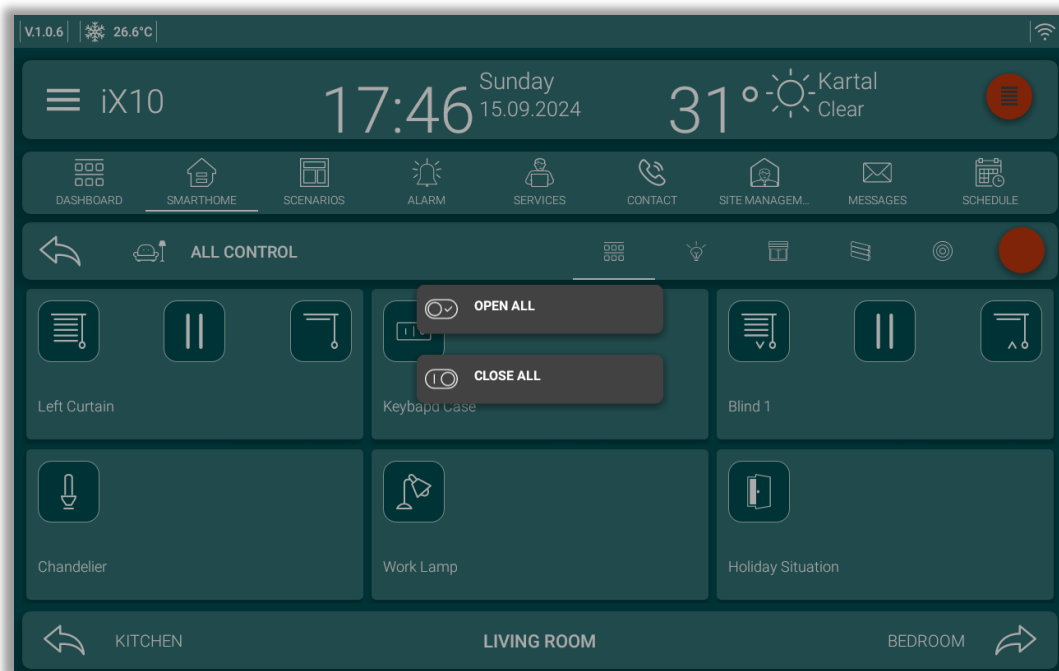


Fig. 15: Living Room – Devices Control Menu

- IV This tab contains the functions of the devices within the selected location. By selecting the icon, all devices in the location can be viewed. The Dashboard is the only part of this tab that remains unchanged. The function icons in this tab vary according to the functions of the devices in the location. For example, in the Kitchen, devices with Lighting, Curtain, and General functions are defined. In this location, only the icons for these functions are displayed, while icons for functions that are not available, such as Blind and Thermostat, are not shown.

- V This touch button is used to move to the next location.

- 2 This area is used to filter Lighting, Blind, Curtain, and General functions. Devices in the locations connected to the panel are filtered based on these symbols. When one of these functions is selected, products related to the selected function are displayed according to the location sequence. For example, there are six different locations connected to the panel: Study Room, Child Room, Bathroom, Kitchen, Living Room, and Bedroom. Various devices are defined in these locations. However, Thermostat AC function devices are only found in the Living Room and Bedroom. Since the Living Room is listed before the Bedroom in the location sequence, devices defined in the Living Room are displayed first.

4.1. Lighting

When the touch illumination icons are pressed, illumination occurs on the relevant visual object and the lamp turns on. When you want to turn off the lamp, you must touch the same icon again. When the lamp turns off, the illumination of the visual object will also fade. Dimmer lighting, which is used for adjusting the light with a certain brightness, can be controlled as a percentage as well as on / off control. You can set the desired level of light brightness with the status bar located under the Dimmer object.

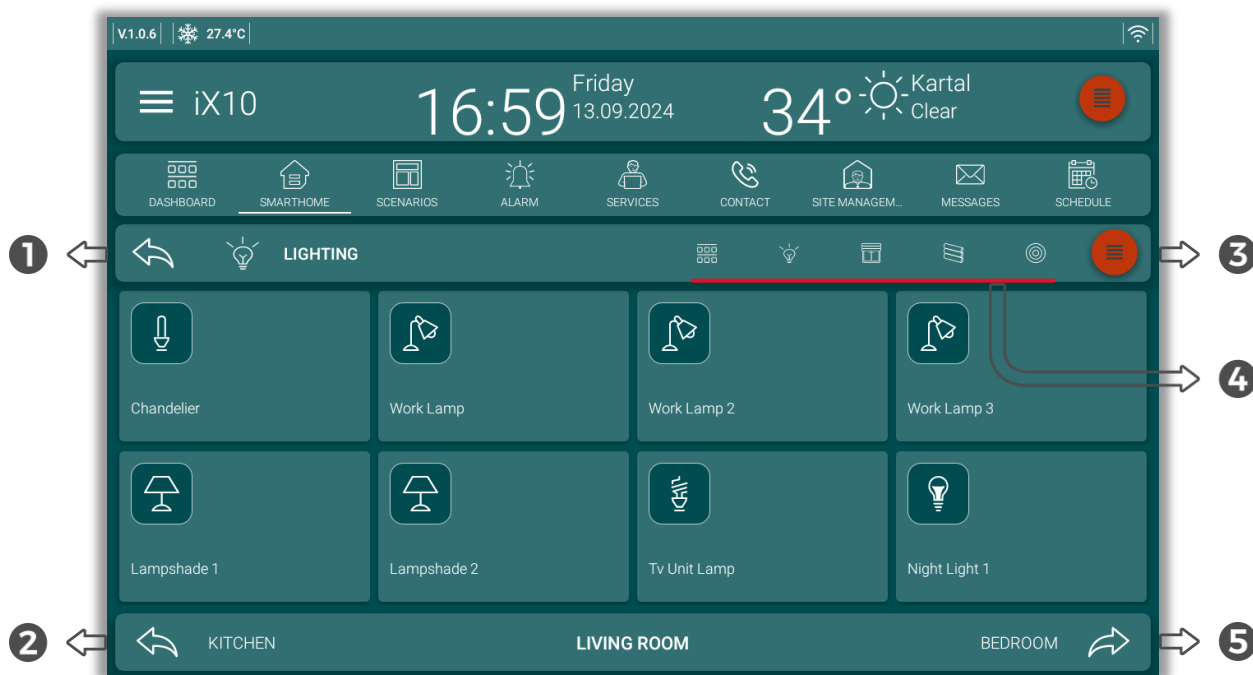


Fig. 16: Lighting Section

Touch buttons that can be used in the lighting section are described below:

- 1 This touch button is used to return to the smarthome page.
- 2 This touch button is used to return to the previous location page.

- This touch button is used to access the Lighting menu. This menu contains Open all, Close all commands and Scenarios, Schedule sections.

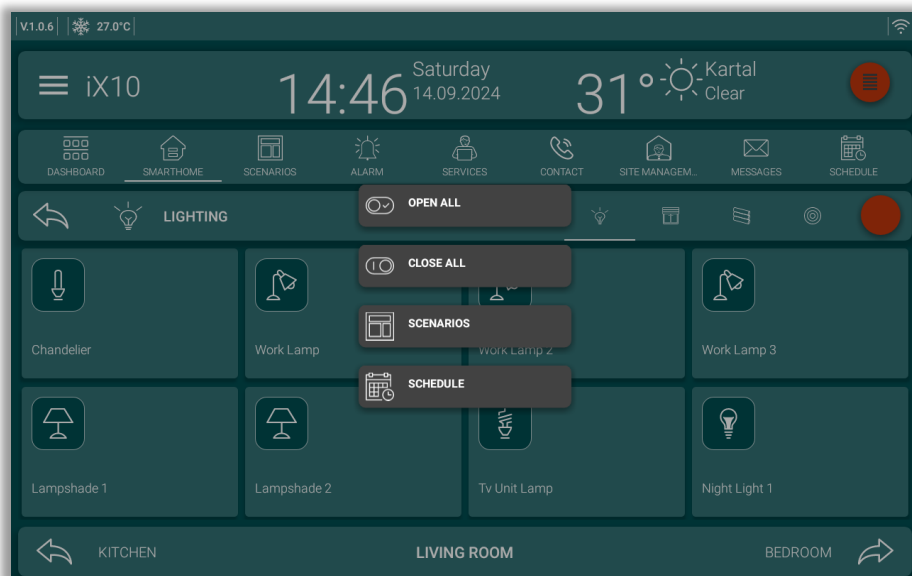


Fig. 17: Lighting - Menu

- This tab contains the functions of the devices within the selected location. By selecting the icon, all devices in the location can be viewed. The Dashboard is the only part of this tab that remains unchanged. The function icons in this tab vary according to the functions of the devices in the location. For example, in the Kitchen, devices with Lighting, Curtain, and General functions are defined. In this location, only the icons for these functions are displayed, while icons for functions that are not available, such as Blind and Thermostat, are not shown.
- This touch button is used to move to the next location.

4.2. Curtain

Curtains defined in the relevant area can be controlled individually or all at once from this Curtain section.



Fig. 48: Curtain Section

Touch buttons that can be used in the blind section are described below:

- 1 This touch button is used to return to the smarthome page. It is used for the same purpose in different sub-menus.
- 2 The curtain can be moved upwards by pressing this touch button.
- 3 The curtain in motion can be stopped by pressing this touch button.
- 4 The curtain can be moved downwards by pressing this touch button.
- 5 This touch button is used to move to the back location.
- 6 This touch button is used to access the Curtain menu. This menu contains Open all, Close all commands.
- 7 This tab contains the functions of the devices within the selected location. By selecting the icon, all devices in the location can be viewed. The Dashboard is the only part of this tab that remains unchanged. The function icons in this tab vary according to the functions of the devices in the location. For example, in the Kitchen, devices with Lighting, Curtain, and General functions are defined. In this location, only the icons for these functions are displayed, while icons for functions that are not available, such as Blind and Thermostat, are not shown.

4.3. Blind

Blinds defined in the relevant area can be controlled individually or all at once from this blind section.



Fig. 19: Blind Section

Touch buttons that can be used in the blind section are described below:

- 1 This touch button is used to return to the smarthome page. It is used for the same purpose in different sub-menus.
- 2 The blind can be moved downwards by pressing this touch button.
- 3 The blind in motion can be stopped by pressing this touch button.
- 4 The blind can be moved upwards by pressing this touch button.
- 5 This touch button is used to move to the back location.
- 6 This touch button is used to access the Blind menu. This menu contains Open all, Close all commands.
- 7 This tab contains the functions of the devices within the selected location. By selecting the icon, all devices in the location can be viewed. The Dashboard is the only part of this tab that remains unchanged. The function icons in this tab vary according to the functions of the devices in the location. For example, in the Kitchen, devices with Lighting, Curtain, and General functions are defined. In this location, only the icons for these functions are displayed, while icons for functions that are not available, such as Blind and Thermostat, are not shown.
- 8 This touch button is used to move to the next location.

4.4. Air Condition

Air defined in the relevant area can be controlled individually or all at once from this air section.



Fig. 20: Air Conditioner Section

- 1 This touch button is used to return to the smarthome page.
- 2 Air Conditioners in the room are listed next to the Air Conditioner symbol. The Air Conditioner to be adjusted is selected.
- 3 This part is the power menu of the Air. Air is opened and closed with On - Off touch buttons.
- 4 This section displays the value of the room temperature.
- 5 This touch button is used to move to the back location.
- 6 This tab contains the functions of the devices within the selected location. By selecting the icon, all devices in the location can be viewed. The Dashboard is the only part of this tab that remains unchanged. The function icons in this tab vary according to the functions of the devices in the location. For example, in the Kitchen, devices with Lighting, Curtain, and General functions are defined. In this location, only the icons for these functions are displayed, while icons for functions that are not available, such as Blind and Thermostat, are not shown.
- 7 Fan speed level modes are selected. There are four fan speed modes. These modes are Auto, Low, Mid and High.
- 8 The Air Conditioner temperature is set. Temperature adjustment is made by pressing the - and + touch buttons. The set temperature is displayed between - and + touch buttons.
- 9 This touch button is used to move to the next location.

4.5. General

All on/off controls except lightning, curtain, shutter, and air-conditioner controls within the project shall be performed on this page. Control shall be opened when desired icons are clicked. If clicked while the icon is in orange colour, it shall be turned off.

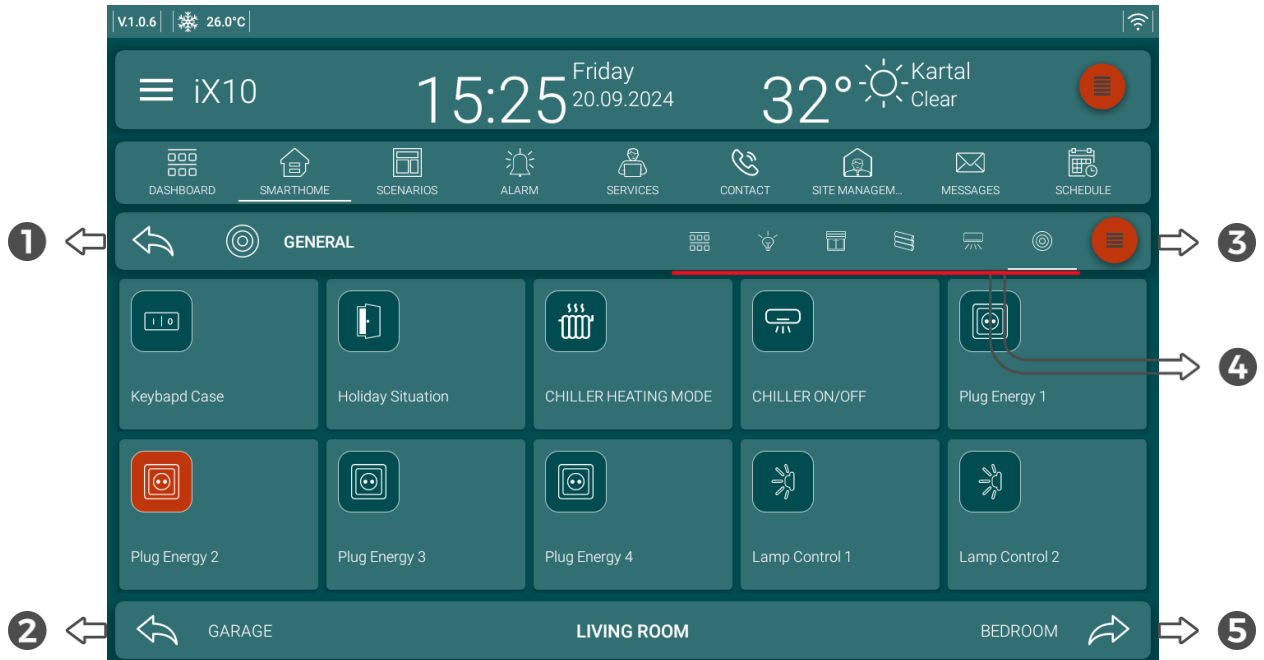


Fig. 21: General Section

- 1 This touch button is used to return to the smarthome page.
- 2 This touch button is used to move to the back location.
- 3 This touch button is used to access the General menu. This menu contains Open all, Close all commands and Scenarios, Schedule sections.
- 4 This tab contains the functions of the devices within the selected location. By selecting the icon, all devices in the location can be viewed. The Dashboard is the only part of this tab that remains unchanged. The function icons in this tab vary according to the functions of the devices in the location. For example, in the Kitchen, devices with Lighting, Curtain, and General functions are defined. In this location, only the icons for these functions are displayed, while icons for functions that are not available, such as Blind and Thermostat, are not shown.
- 5 This touch button is used to move to the next location.

5. Scenario

The scenarios within the system or the scenarios registered by the user shall be activated over this screen. For Example, since Leaving Home scenario contains the deactivation of power sockets and lighting. This process can be activated with just one button. On the contrary, for the Getting Home scenario, all lighting, curtain, shutter and power sockets shall be activated with just one button. Multiple scenarios can be defined on the touch panel. Defined scenarios can be deleted, copied, or rearranged or a new scenario can be created. A summary of scenarios can be displayed on the scenario details screen that displays the location settings of each control.

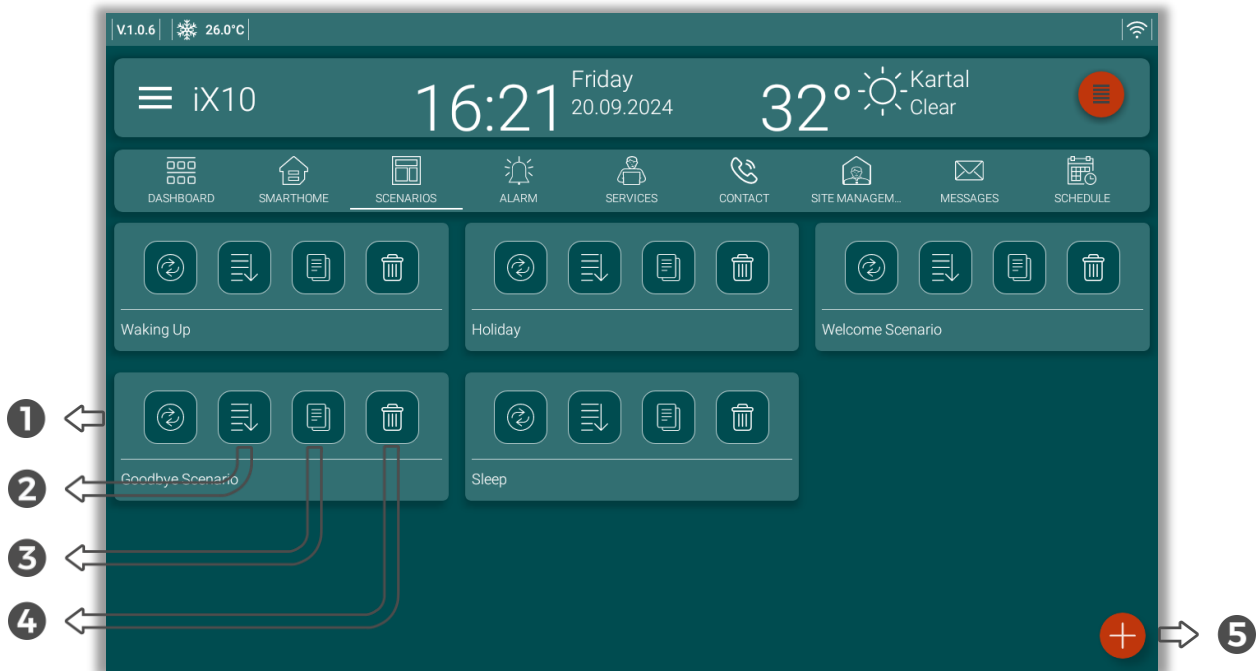


Fig. 22: Scenario Section

- 1 This touch button is pressed to execute the selected scenario.
- 2 This touch button shows the running devices and their tasks in the Scenario.
- 3 Go to Create Scenario section to create a copy of the selected scenario
- 4 This touch button is pressed to delete the planned scenario.
- 5 This touch button is pressed to create the planned activity. (5.1.).

5.1. Create Scenario

There are 2 steps to create a scenario, the first of these steps is Define Scenario and the second step is Add Scenario Process.

5.1.1. Define Scenario

The first step in creating a scenario is naming the Scenario.

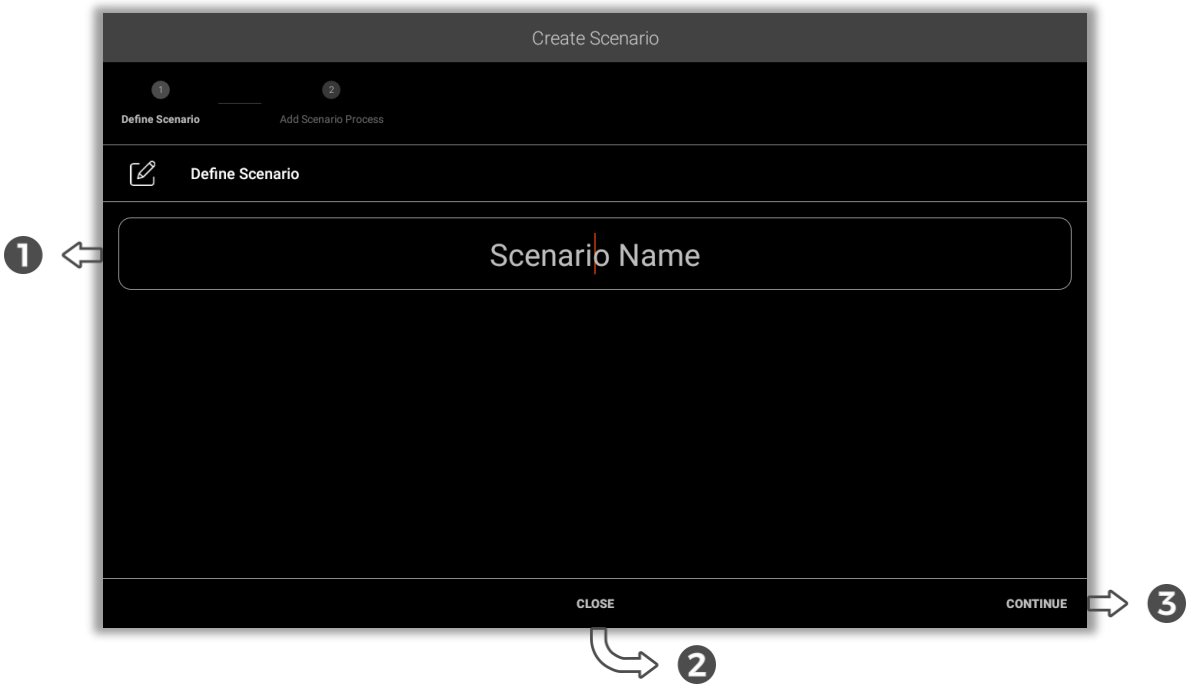


Fig. 23: Create Scenario - Define Scenario

- 1 The scenario name is written in this text box.
- 2 This touch button is pressed to exit Create Scenario.
- 3 This touch button is pressed to continue to Add Scenario Process. If the plan name is not given, an error will appear on the screen, which will not proceed to the next step.

5.1.2. Add Scenario Process

At this step, the actions to be taken in the activity to be planned are added.

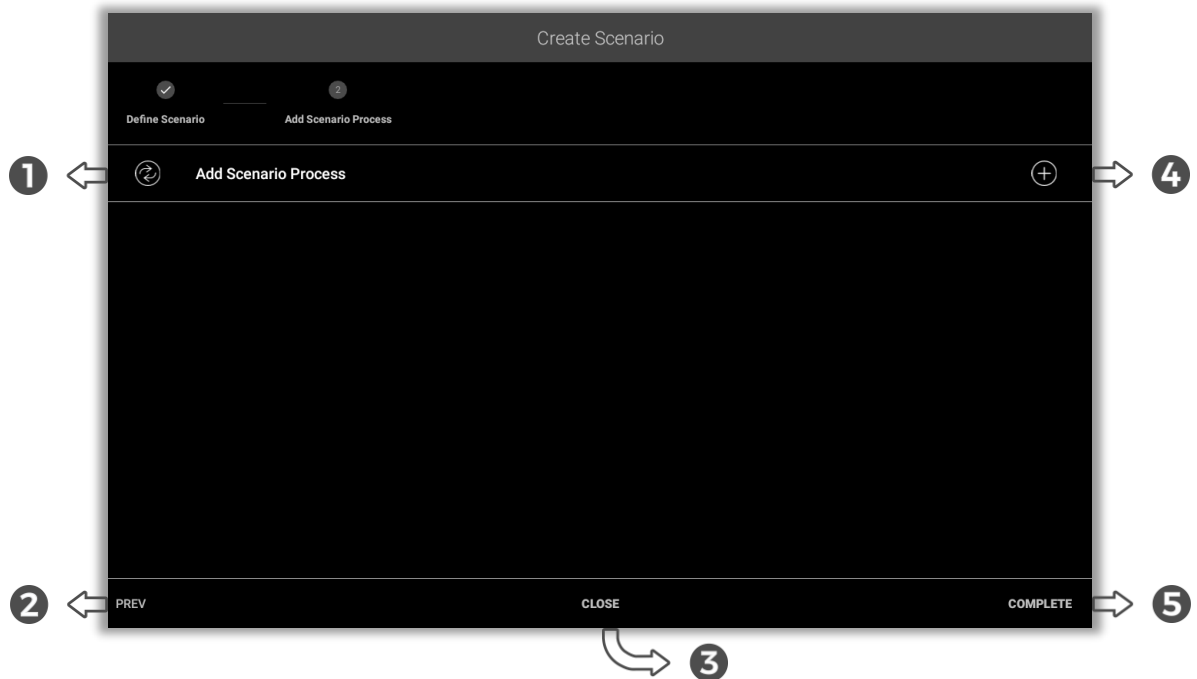


Fig. 24: Create Scenario - Add Scenario Process

- 1 This part is the list of activities in the plan to be created.
- 2 This touch button is pressed to back the previous part.
- 3 This touch button is pressed to close Create Scenario.
- 4 This touch button is pressed to Add Activity. (5.1.2.1.)
- 5 By pressing this touch button, the Add Scenario Process phase is completed.

5.1.2.1. Add Activity

A new activity is added to the Add Schedule Process from this section.

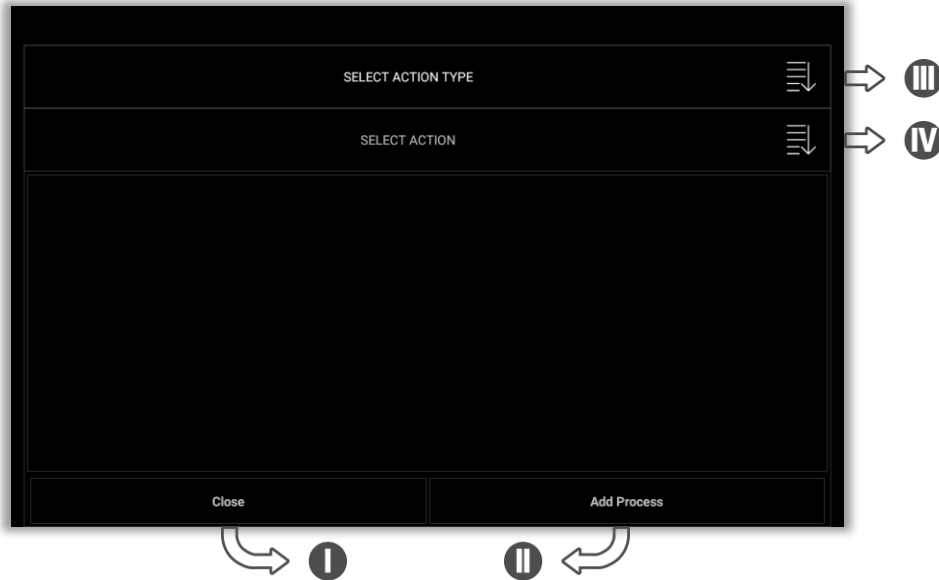


Fig. 25: Add Scenario Process Step Window

- I This touch button is pressed to close this window.
- II The touch button is pressed to complete adding activity.
- III This touch button is pressed to make an Action type selection.

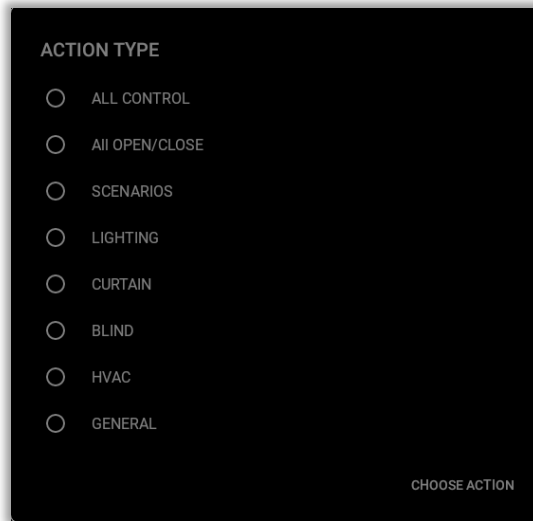


Fig. 26: Create Scenario – Add Scenario Process Step 2

IV This touch button is pressed to make an Action selection.

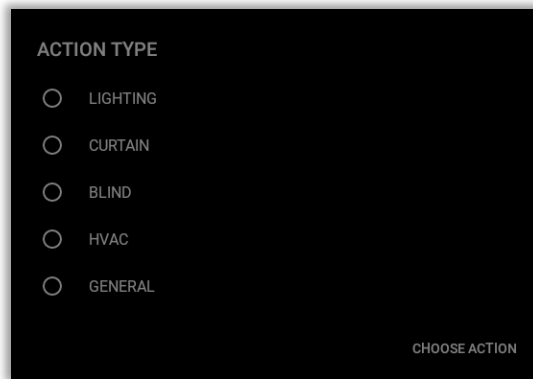


Fig. 27: Create Scenario – Add Scenario Process Step 3

After the action is selected, the action to be performed by the action is selected.

6. Alarm

According to the data received from all alarm detectors within the system, a security system could be established. After selecting the predefined alarm, you should enter the alarm password to activate or deactivate the alarm. Setting up a new alarm or deleting the desired one's operations can be performed over Panel Configurator.

You can review all defined alarm objects on the list of alarm screens. Alarms can be activated or deactivated by entering an alarm password. To be able to set up a new alarm from Panel Configurator, alarm objects which have been defined on Panel Configurator by you, should not be in the detection state. If you attempt to set up an alarm in a detection state, you will get a warning. You can see whether an alarm is active or not on the alarm page. At the same time, you can see each detector, whether in a detection state or not, from the same screen. If you wish, you can make those alarms inactive and prevent alarms from being setup.

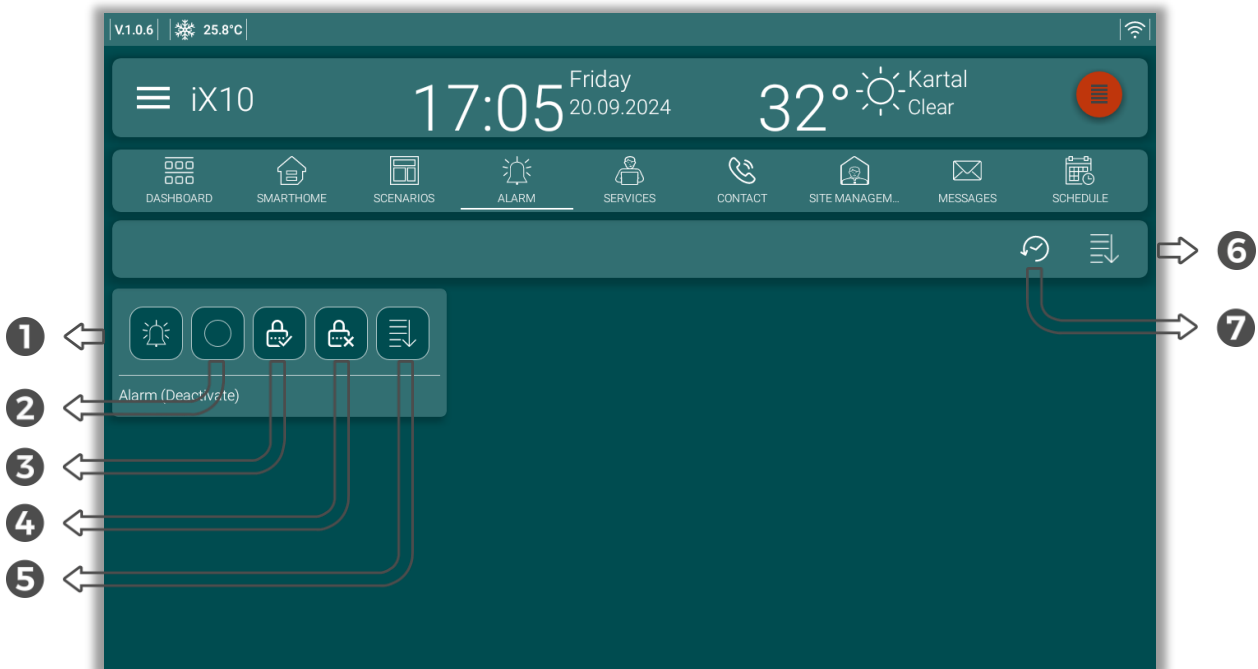


Fig. 28: Alarm Section

1 The bell symbol indicates whether the alarm status is active or deactivate.



Fig. 29: Alarm Activity Status

2 This touch button is pressed to activate/deactivate the alarm.



Deactivate

Activate

Fig. 30: Alarm Activate/Deactivate Button

3 This touch button is used to turn on the selected alarm scenario. When the touch button is pressed, the alarm is turned on by entering the password.

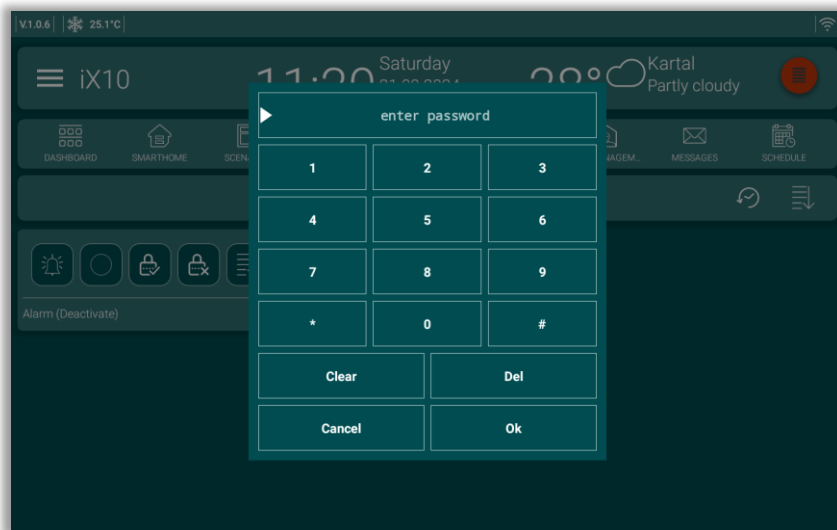


Fig. 31: Alarm Password Window

4 This touch button is used to turn off the selected alarm scenario. When the touch button is pressed, the alarm is turned off by entering the password.

5 Lists detectors found in the selected alarm scenario.

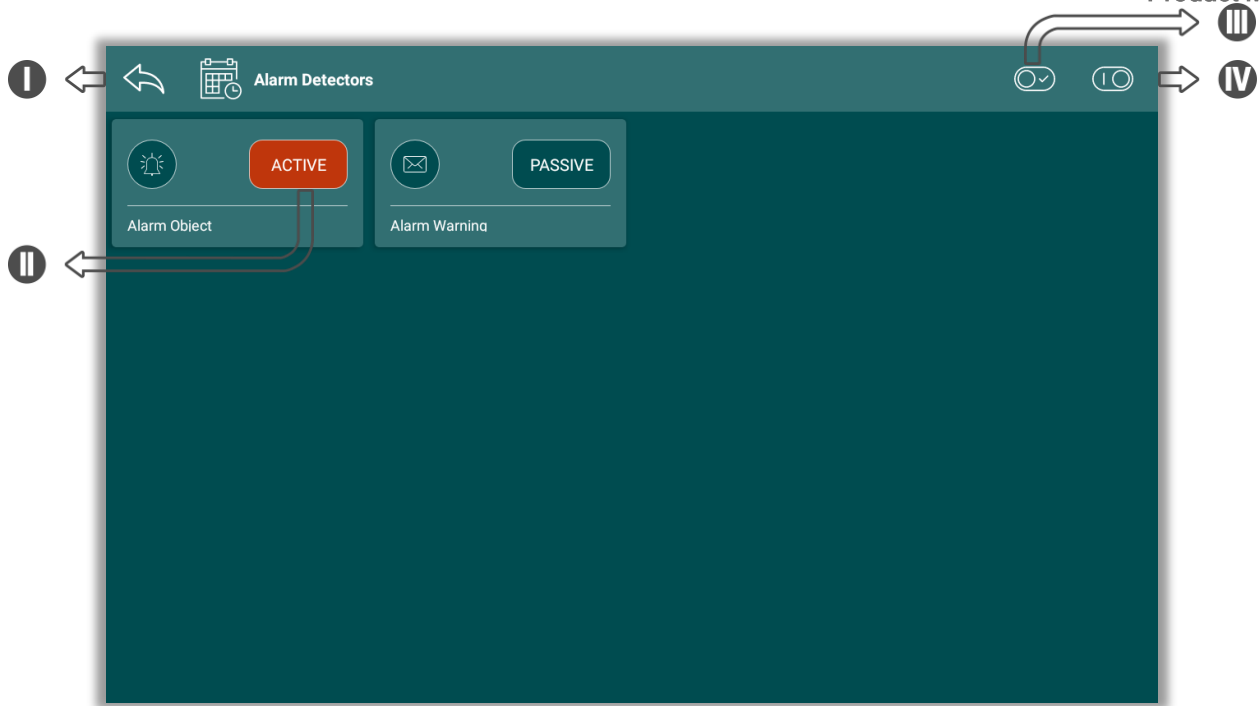


Fig. 32: Alarm Detectors Window

- I This touch button is pressed to close this window.
- II This touch button is used to active or passive the alarm detector.
- III This touch button is used to active all the alarm detectors in the relevant area.
- IV This touch button is used to passive all the alarm detectors in the relevant area.
- 6 Alarm detectors defined by this touch button are listed. Detectors from this list can be turned on or off. (Fig. 32).
- 7 This touch button is used to show Alarm Action History. (Fig. 33).

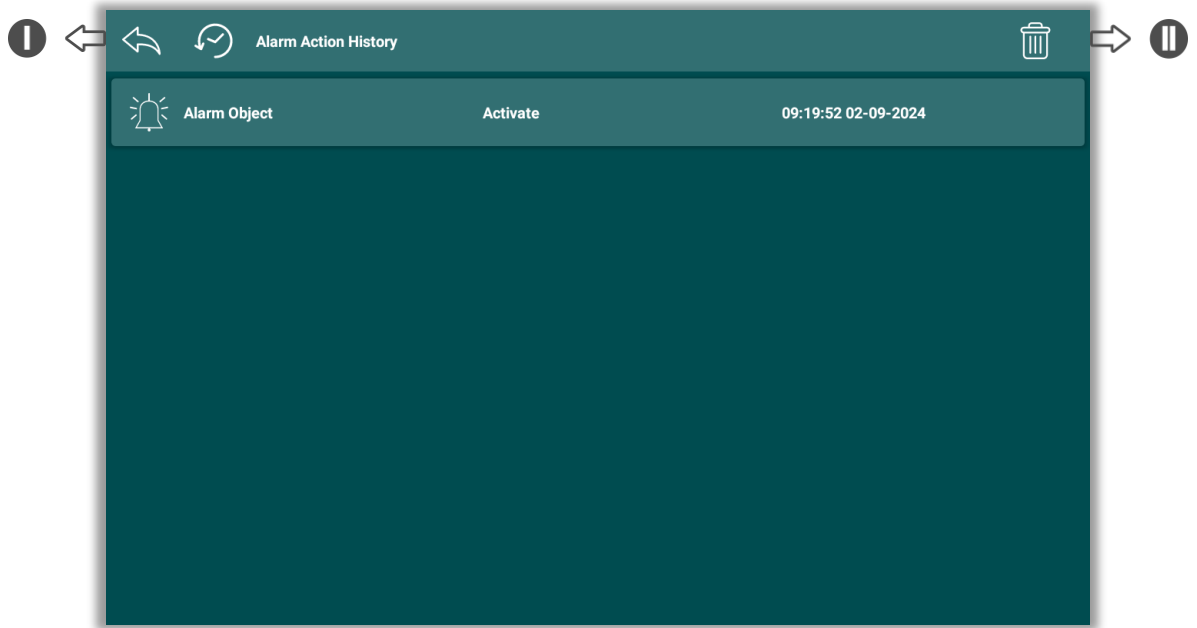


Fig. 33: Alarm Action History Window

- | This touch button is pressed to close this window.
- || The touch button is pressed to delete Alarm Action History.

7. Services

You can find services, which are planned to be sent over integrated concierge servers, from here. By touching on the desired service, a request is sent to the server by reporting necessary details. The Services menu includes default sub-menus such as Spa, Taxi, Maintenance, Shuttle, Cleaning, Bellboy, Car Wash etc. You need to define the time, date and count of service. Sending notes while sending the request is available as well. After necessary blanks (time, date, note etc.) are filled, the service request gets ready to send. Your requests which are prepared with a selection of those menus shall be submitted to Management or relevant channels. Unnecessary services can be closed via Panel Configurator. You should contact the company if you request new services.

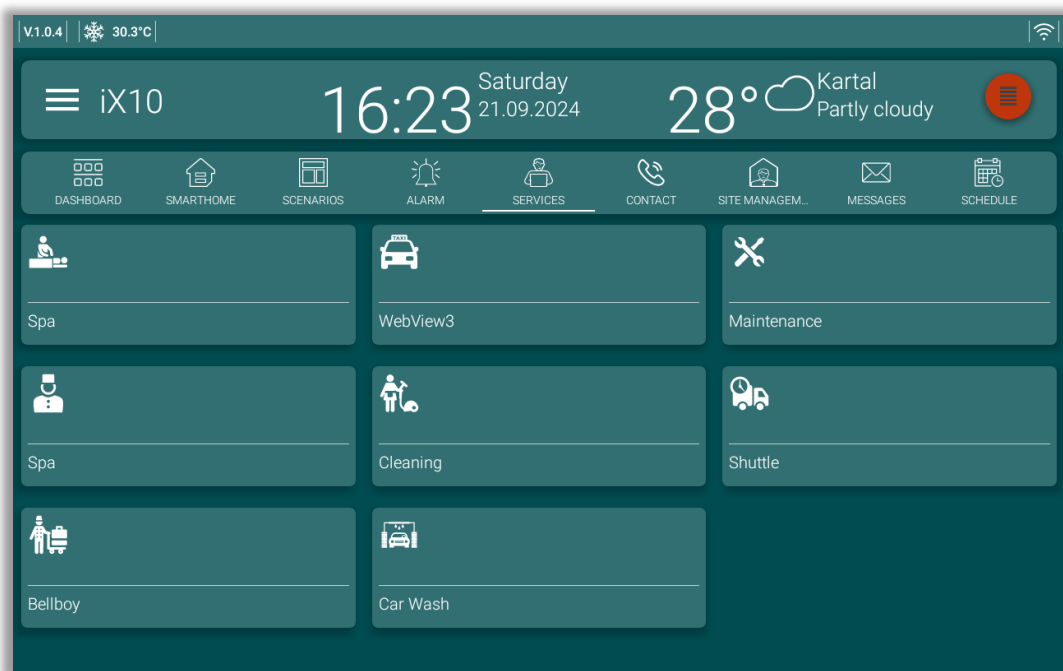


Fig. 34: Services Section

8. Contact

You can reach the registered contacts in the directory from this section. It is possible to make calls from here via all registered Phone IPs. Just touch oncall button to to communicate with the people registered into the system. SIP numbers that are registered but not listed can also be searched in the field specified by the 2. number.

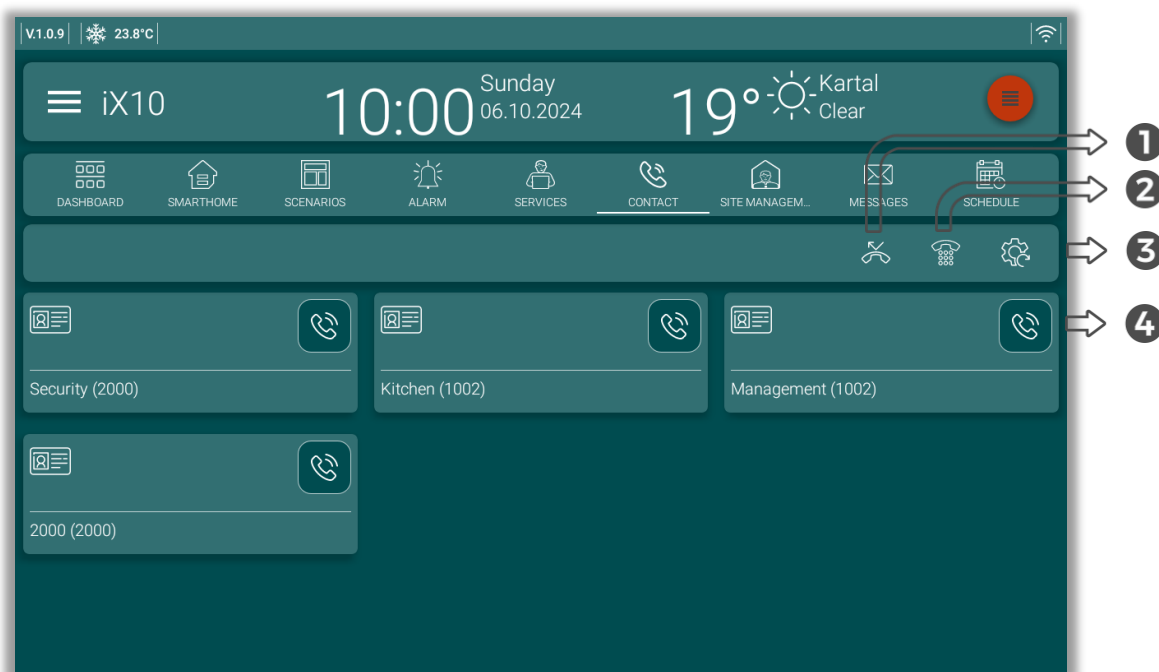


Fig. 35: Contact Section

1 The missed calls list is displayed.

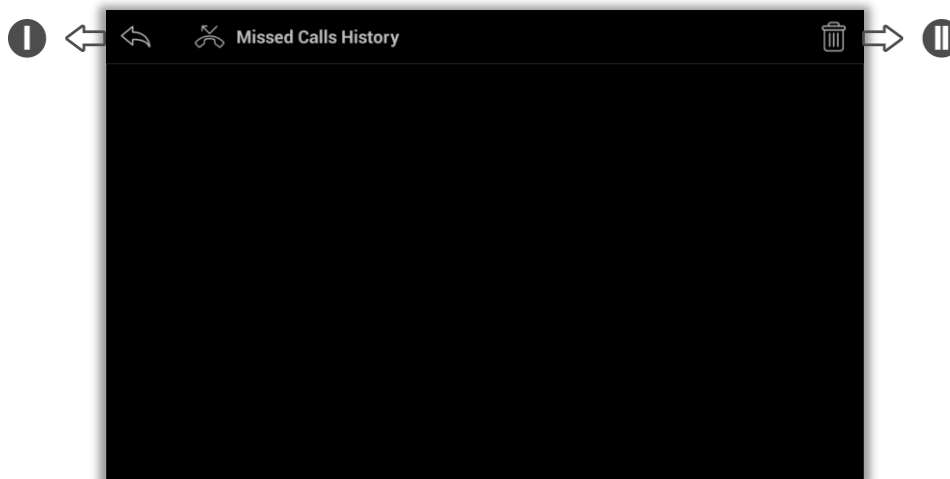


Fig. 36: Missed Calls History Window

| This touch button is pressed to return to the Contact section.

|| The touch button is pressed to delete missed calls.

- Pressing this touch button opens the Dialer. By entering the number, a call is made to a household/device registered in the system. Registered but unlisted SIP numbers can also be searched in this field.

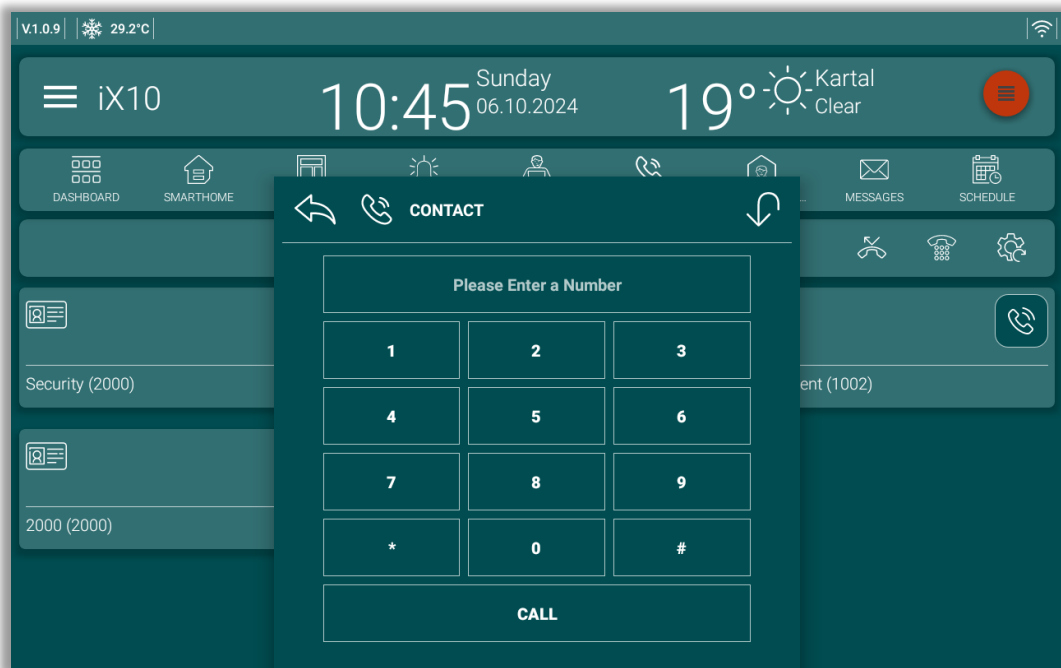


Fig. 37: Dialer Window

- By pressing this touch button Contact will be reset to factory settings.

- By pressing this touch button, the selected contact is called.

- Supported protocols are RTSP(Real-Time Streaming Protocol), and M JPEG(Motion JPEG).
- There is no camera on the panel due to security reasons. The Interra Touch Panel can only transmit the image taken from the outside cameras.

9. Site Management

Announcements, Invoices, and Information messages, which are sent via the site management interface over the integrated concierge server, shall be displayed. If data is received as a message by the device, the number of indicators increases. The content of a message can be opened by clicking on the message. This menu has 3 submenus as Announcements, Invoices and Information. Additional submenus can be added via Panel Configurator.

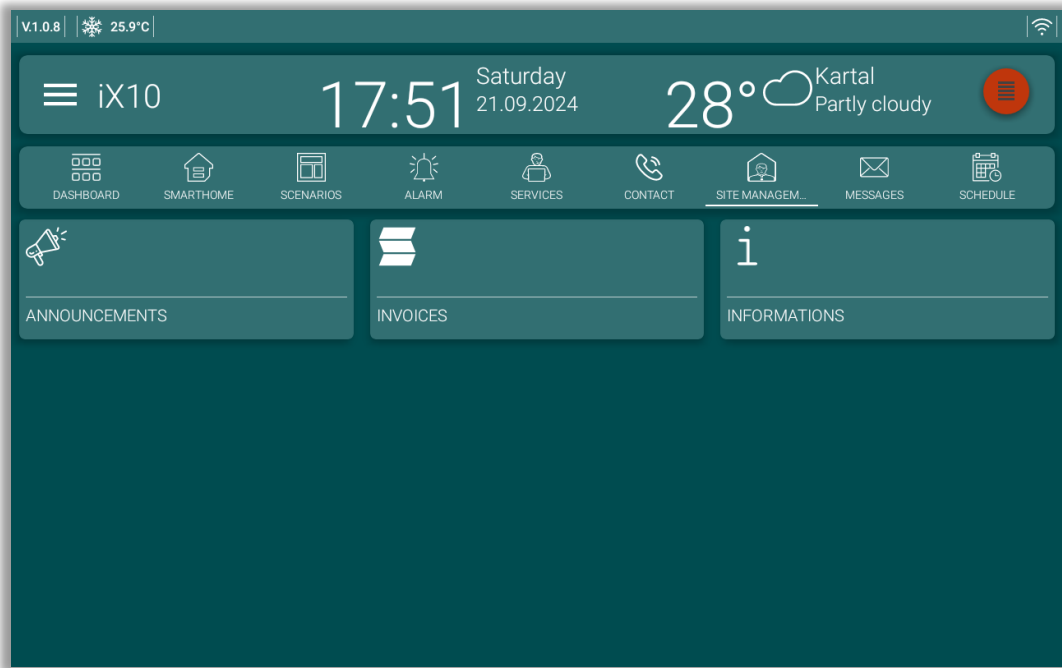


Fig. 38: Site Management

10. Messages

Messages sent via the site management interface on the integrated concierge server shall be displayed on this menu. They could be followed over Warnings indicators and buttons located in the upper-right corner. If data is received as a message by the device, the number of indicators increases. The content of the message can be opened by clicking on the message.

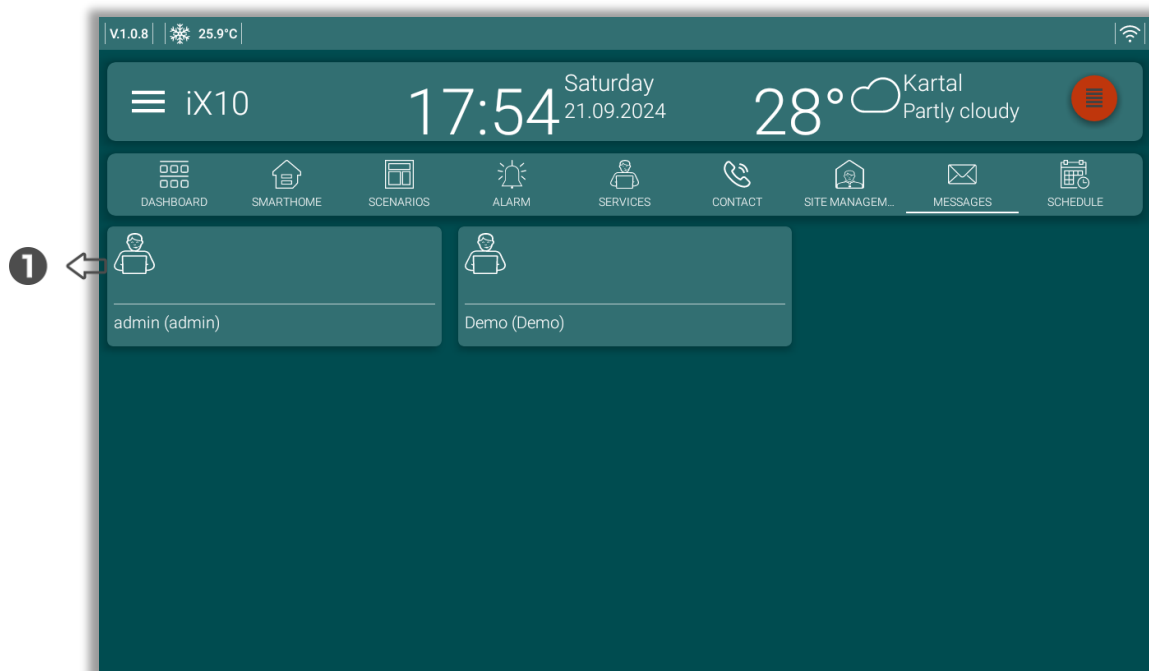


Fig. 39: Messages

- Unread messages in red background.
- Read messages shall be automatically dropped from Warnings sections

1 The content of the message can be opened by clicking on the user.

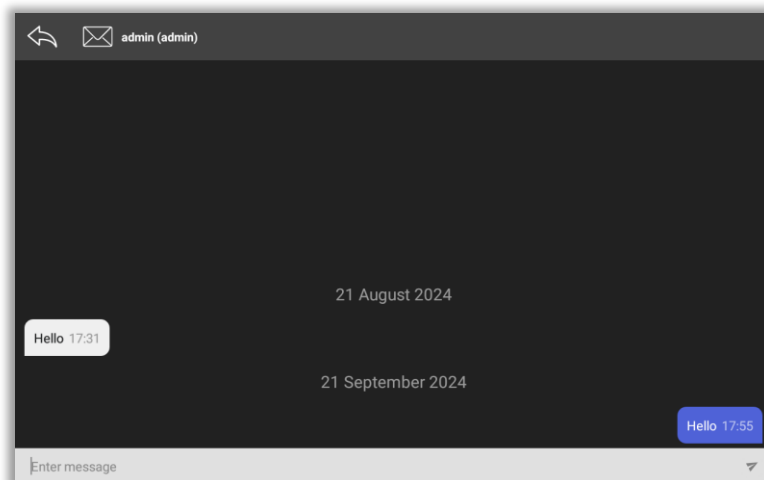


Fig. 40: Messages - Chat Box

11. Schedule

A schedule is a list of planned activities or things to be done showing the times or dates when they are intended to happen or be done. The schedule defined in the relevant area can be controlled individually or all at once from this schedule section.

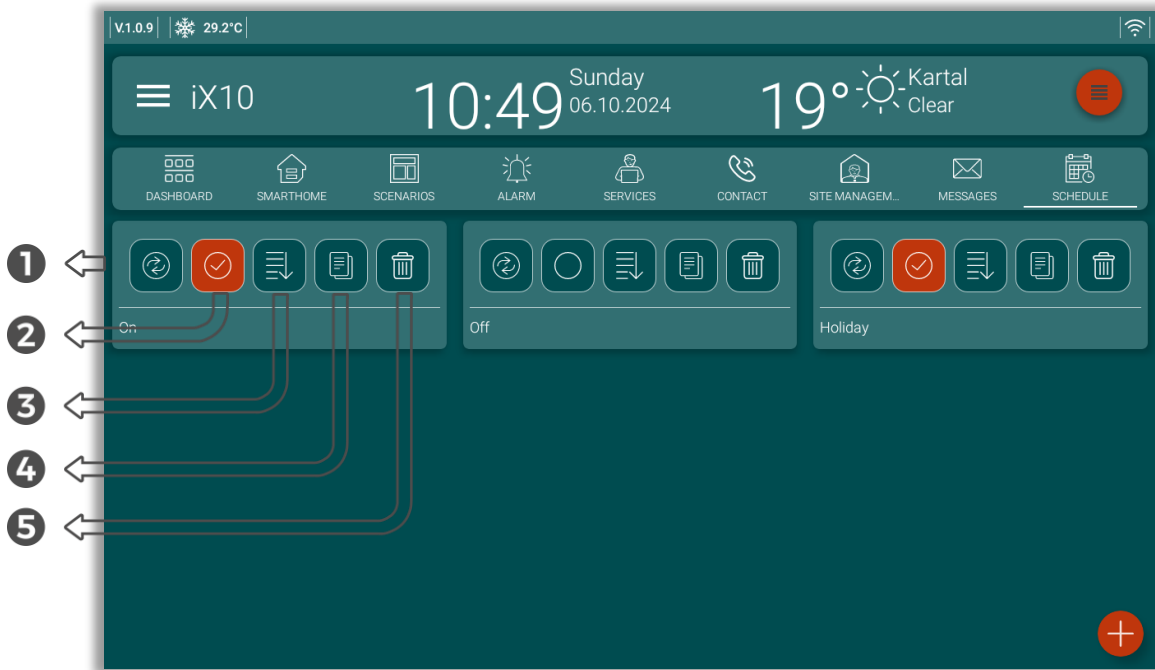


Fig. 41: Schedule Section

- 1 This touch button is pressed to execute the selected schedule.
- 2 This touch button is pressed to activate/deactivate the planned activity.



Active



Deactivate

Fig. 42: Schedule Activity Status

- This touch button is pressed to show when the planned activity is scheduled.

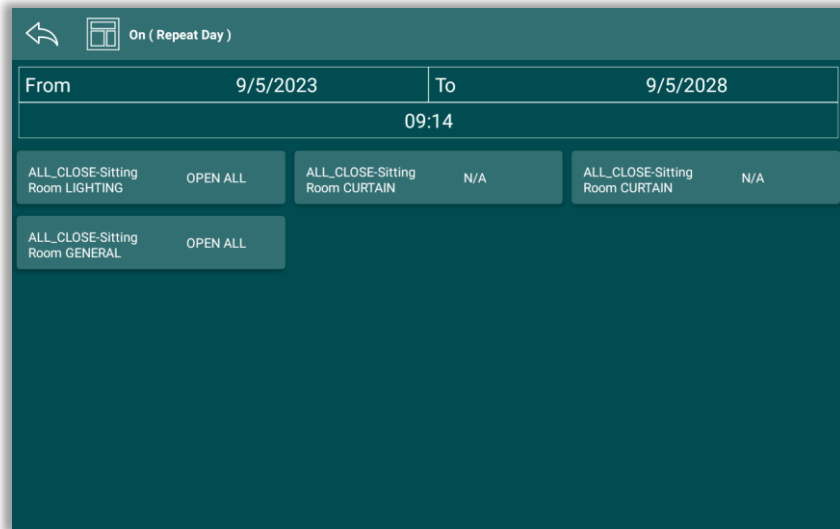


Fig. 43: Schedule Activity Information

- Go to Create Schedule section to create a copy of the selected schedule
- This touch button is pressed to delete the planned activity.
- This touch button is pressed to create the planned activity.

11.1. Create Schedule

The schedule can be created from the Lighting, General or Schedule sections. The Create Schedule section consists of 3 stages. These stages are Define Schedule, Add Schedule Process and Add Schedule Time.

11.1.1. Define Schedule

The first step in creating a plan is naming the Schedule. Plans created from sections other than the Schedule section come with the name of the section and room where they were created. This name can be changed.

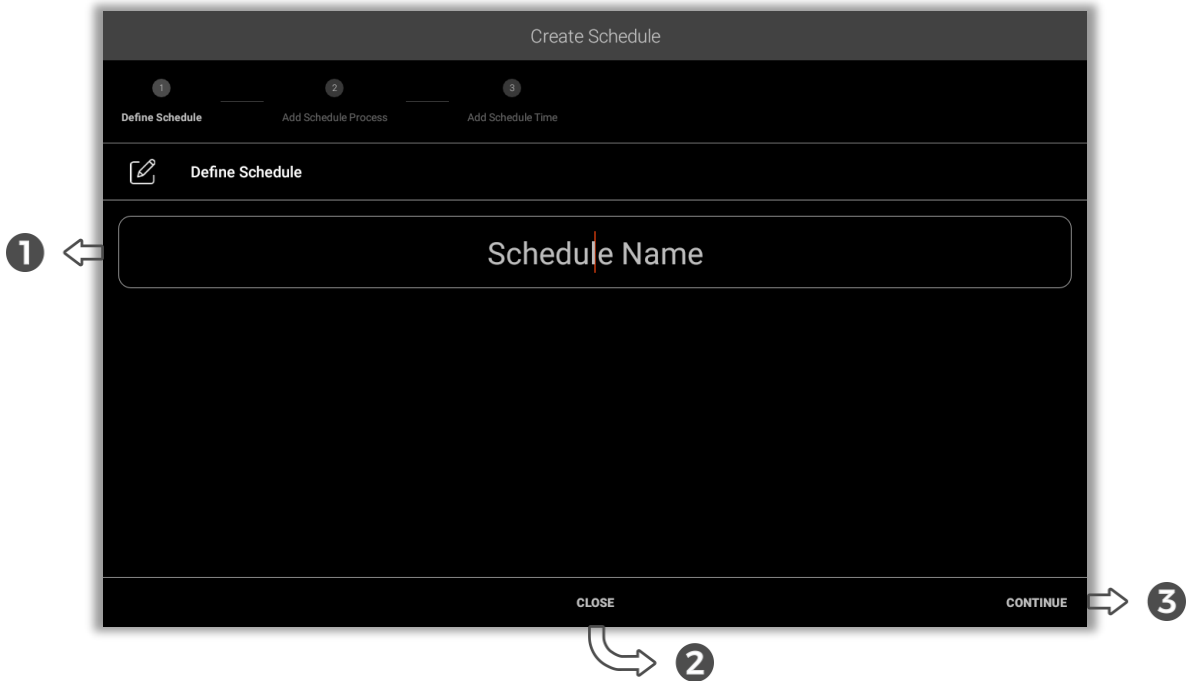


Fig. 44: Create Schedule - Define Schedule

- 1 The schedule name is written in this text box.
- 2 This touch button is pressed to exit Create Schedule.

This touch button is pressed to continue to Add Schedule Process. If the plan name is not given, an error will appear on the screen, which will not proceed to the next step.

11.1.2. Add Schedule Process

After the name of the activity to be planned is determined, the "Add Schedule Process" step is started. At this step, the actions to be taken in the activity to be planned are added.

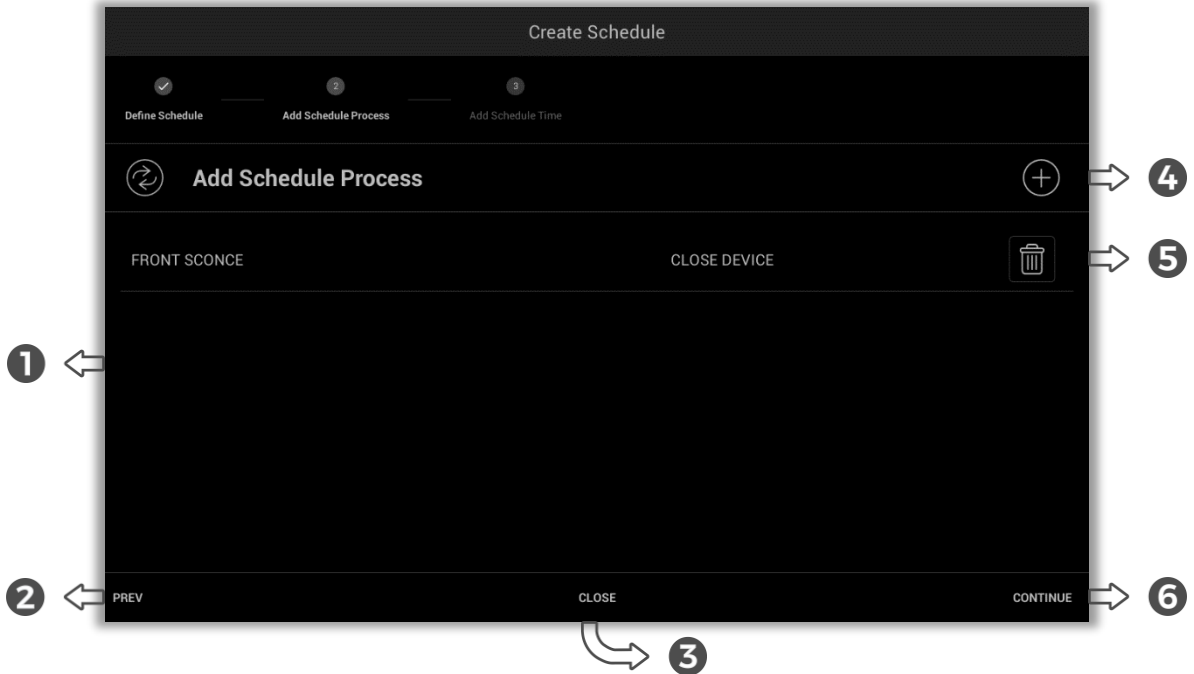


Fig. 45: Create Schedule - Add Schedule Process

- 1 This part is the list of activities in the plan to be created.
- 2 This touch button is pressed to back the previous part.
- 3 This touch button is pressed to close Create Schedule.
- 4 This touch button is pressed to Add Activity. (11.1.2.1.)
- 5 By pressing this touch button, the selected activity is deleted.
- 6 After the Add Schedule Process step is completed, this touch button moves to the Add Schedule Time step. (11.1.3.)

11.1.2.1. Add Activity

A new activity is added to the Add Schedule Process from this section.

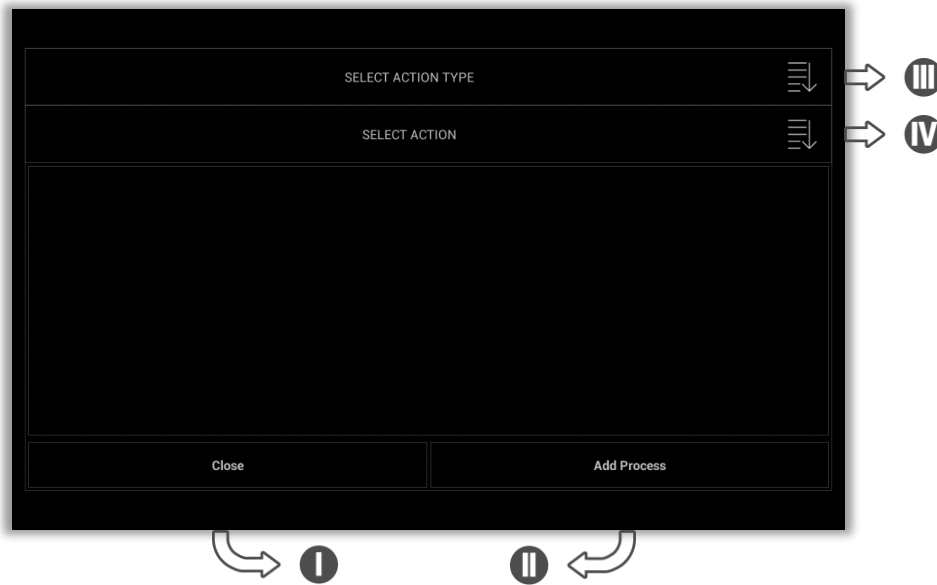


Fig. 46: Add Schedule Process Step Window

- I This touch button is pressed to close this window.
- II The touch button is pressed to complete adding activity.
- III This touch button is pressed to make an Action type selection.

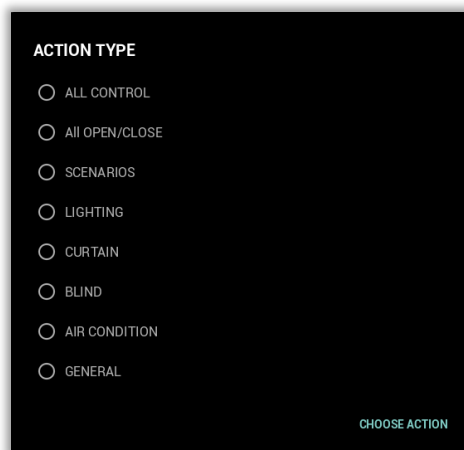


Fig. 47: Create Schedule – Add Schedule Process Step 2

IV This touch button is pressed to make an Action selection.

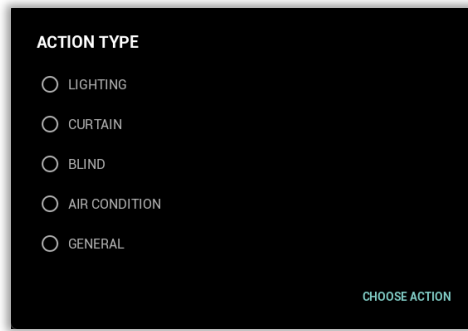


Fig. 48: Create Schedule – Add Schedule Process Step 3

After the action is selected, the action to be performed by the action is selected.

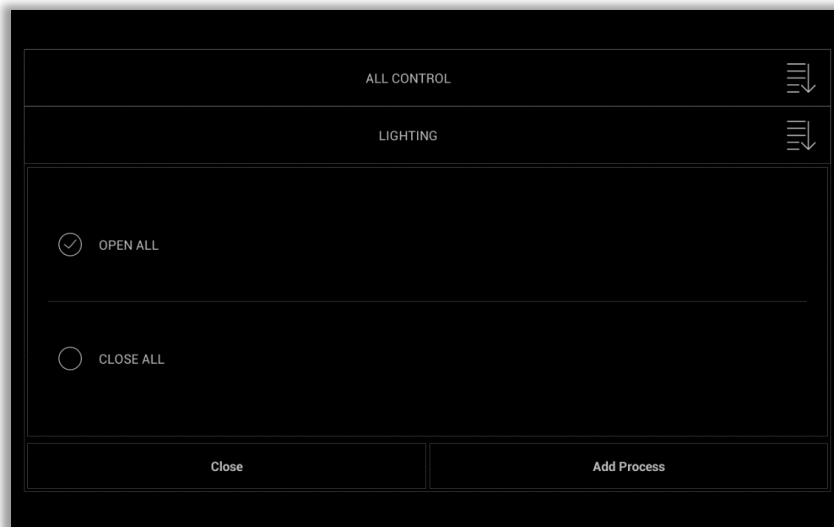


Fig. 49: Create Schedule – Add Schedule Process Step 4

After the Activity Adding Process is finished, the “Add Process” button is pressed. If another activity is to be added to the created plan, it can be added by performing the same operations.

11.1.3. Add Schedule Time

The time of the Schedule created in the third step is determined in this part.

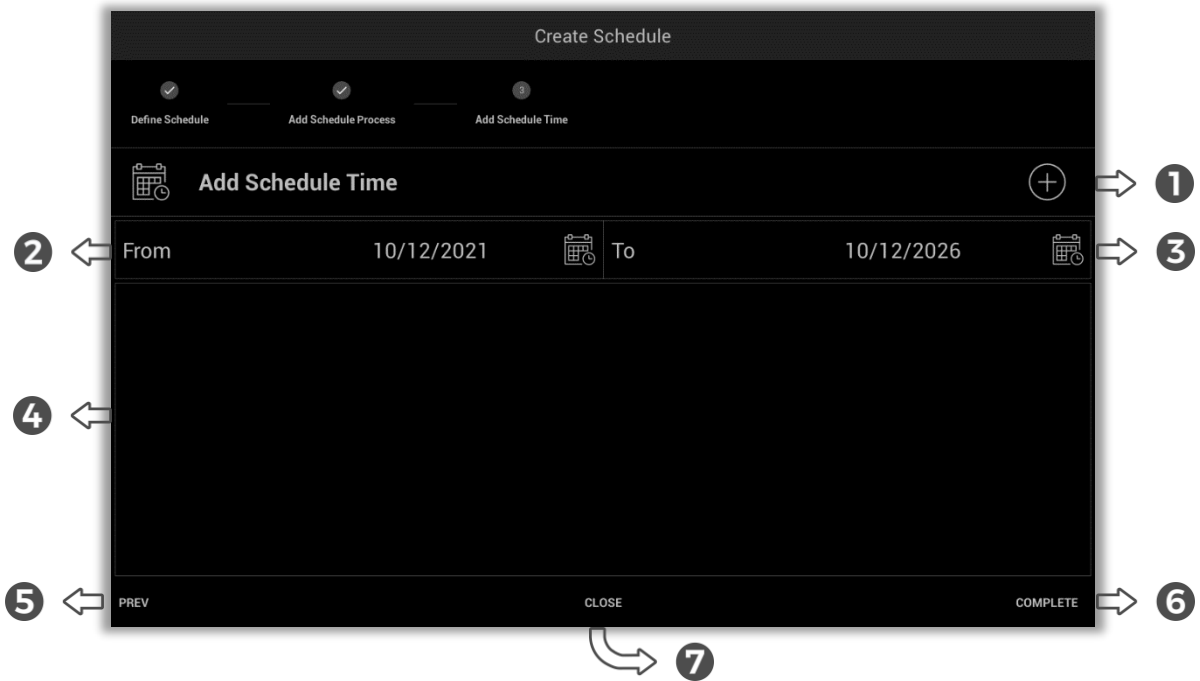


Fig. 50: Create Schedule - Add Schedule Time

- 1 This touch button is pressed to set the frequency of the schedule. Selection is made from the list in Figure 51.

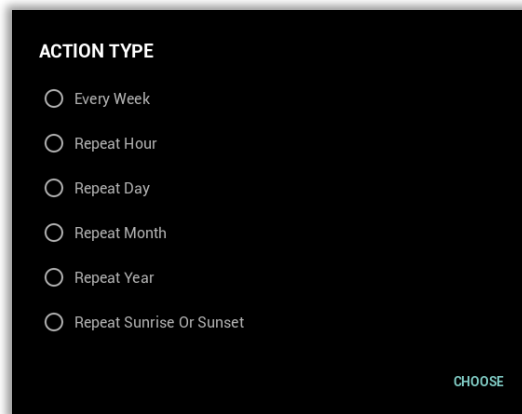


Fig. 51: Create Schedule - Add Schedule Time Action Type Selection

- 2 By pressing this touch button, the start date of the Calendar is set.

3 By pressing this touch button, the end date of the calendar is set.

Note: You can refer to Section 14.2.2. to set the date

4 Time selection is made here according to the frequency of the selected Schedule. The views according to the selected mode are in the images below.

Every Week

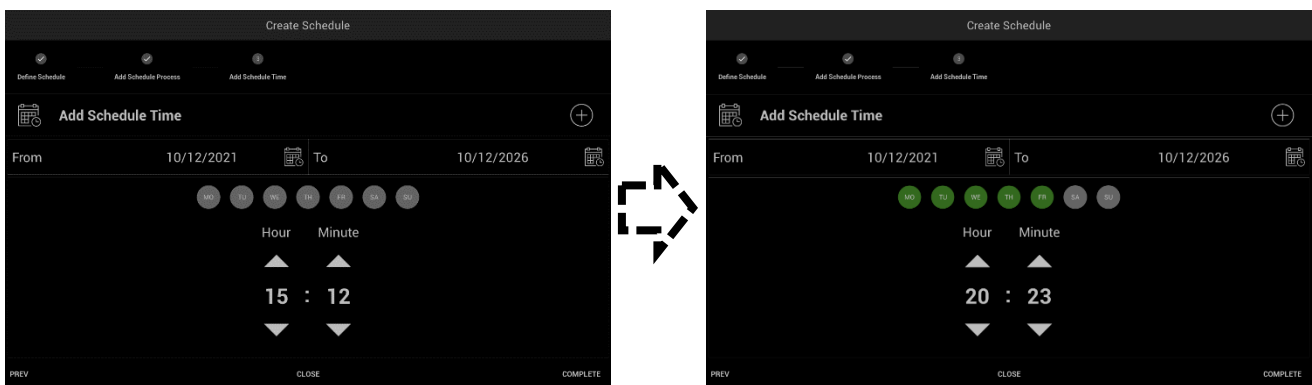


Fig. 52: Create Schedule - Add Schedule Time Set

Repeat Hour

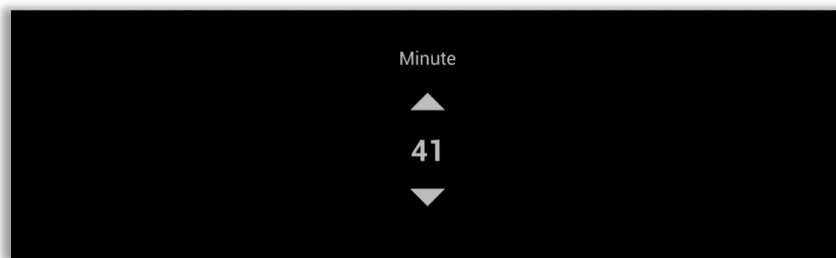


Fig. 53: Create Schedule - Repeat Hour

Repeat Day

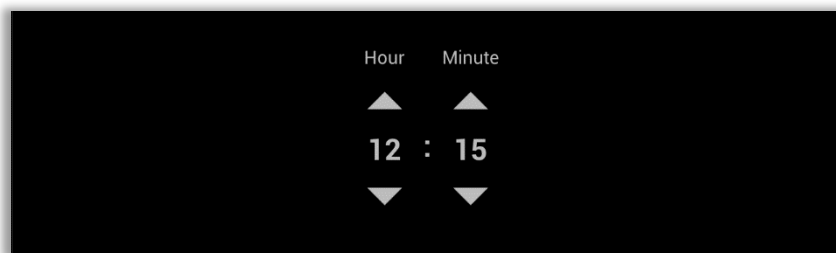


Fig. 54: Create Schedule - Repeat Day

Repeat Month



Fig. 55: Create Schedule - Repeat Month

Repeat Year

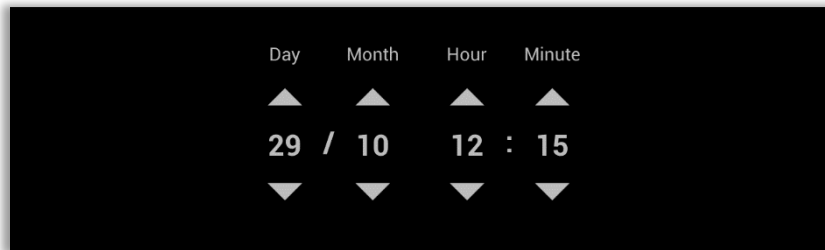


Fig. 56: Create Schedule - Repeat Year

Repeat Sunrise or Sunset

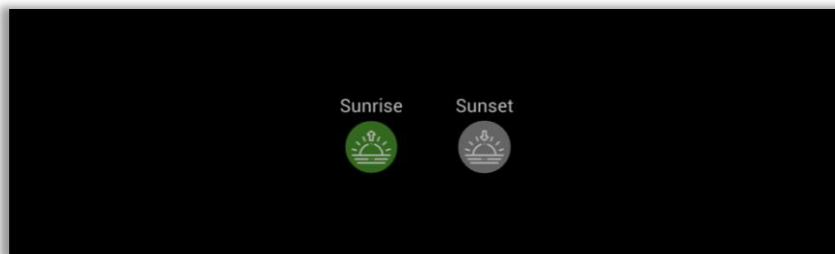


Fig. 57: Create Schedule - Repeat Sunrise or Sunset

- 5 This touch button is pressed to back the previous part.

- 6 This touch button is pressed to complete Add Schedule Time part.

- 7 This touch button is pressed to close Create Schedule part.

12. Cams

DVR, NVR and IP cameras, which are integrated into the system and makes broadcasting over protocols(*) supported by Interra Touch Panels, provides simultaneously monitoring opportunity from here

(*) Supported protocols are RTSP(Real-Time Streaming Protocol) and MJPEG(Motion-JPEG).

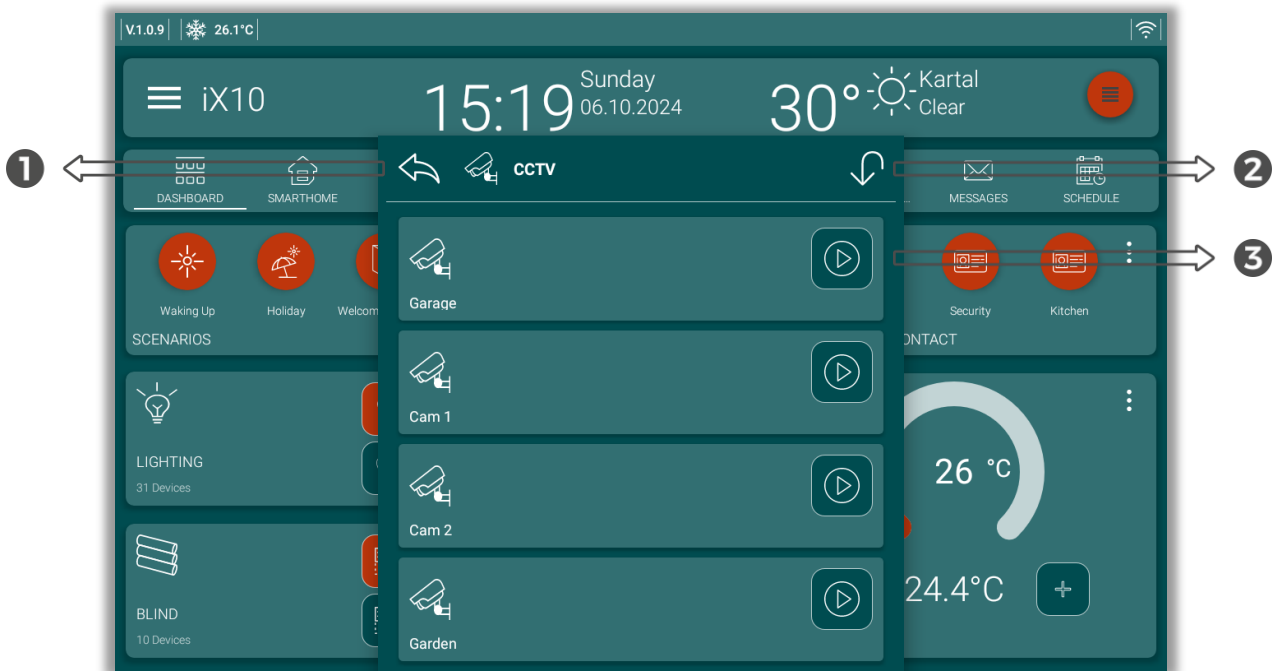


Fig. 58: Cams

- 1 This touch button is used to return to the dashboard page.
- 2 This touch button is used to minimize camera list.
- 3 This touch button is used to view the selected camera.

13. Side Menu

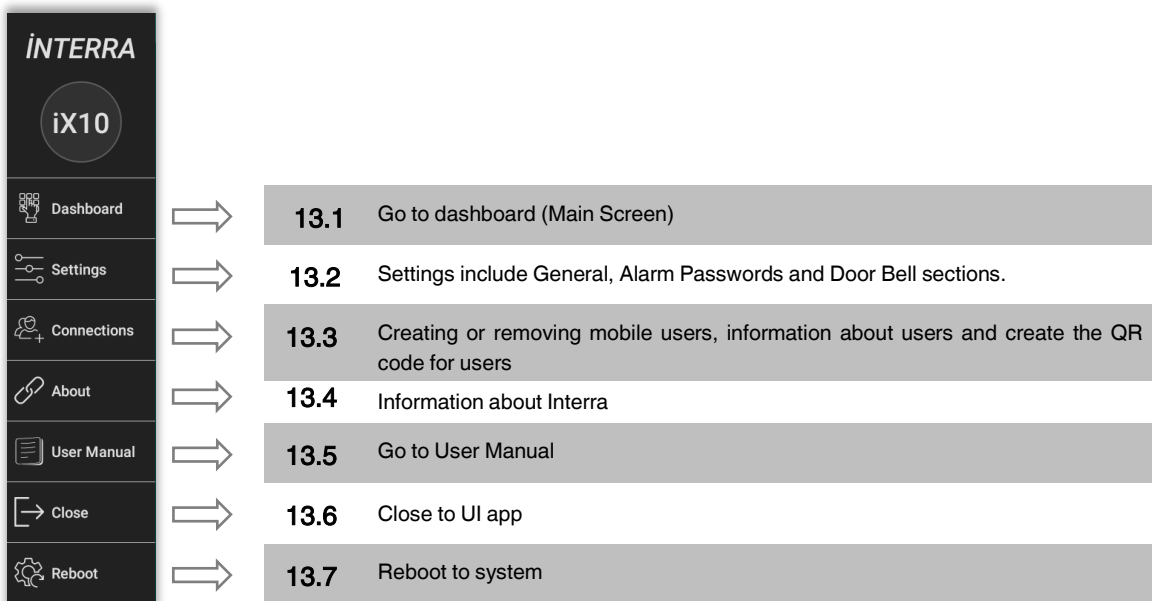


Fig. 59: Side Menu

In this section, configurations can be made for the touch panel. This menu includes going to the dashboard (main screen), settings (set admin password, alarms passwords and determining the doorbell etc.), creating a mobile user, the about section, the User Manual section to get help about the device, the device close and reboot sections. includes. For any user changes, it is possible to log in with the administrator password.

13.1. Dashboard

For information, go to [Section 3. Main Screen](#).

13.2. Settings

Settings include General, Alarm Passwords and Door Bell sections. Touch Panel settings are made with these sections.

13.2.1. General

In this section, general settings of the Touch Panel are made. The General section contains the general settings of the touch panel such as Admin password of the panel.

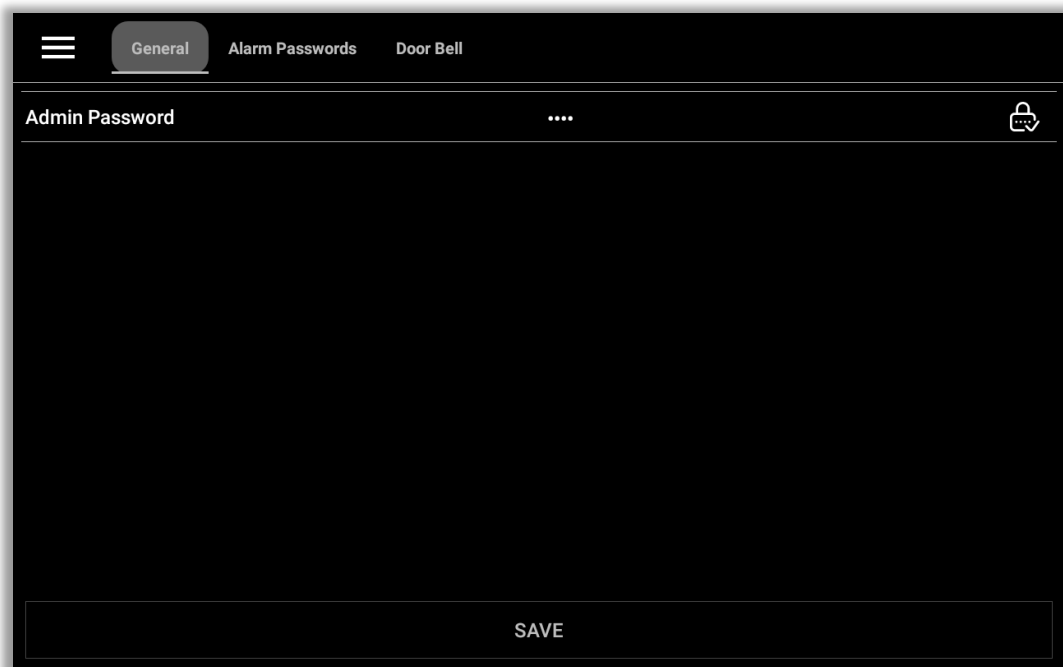


Fig. 60: Settings General

13.2.1.1. Admin Password

To enter or make changes to Settings, Theme, Connections, Diagnostic, Close and Reboot, the Admin Password is requested on the panel. The admin password is set in this section.



Fig. 61: Admin Password Bar

- 1 This touch button is pressed to set the Admin Password. Admin Password is determined from the keypad that appears on the screen (Figure 62).

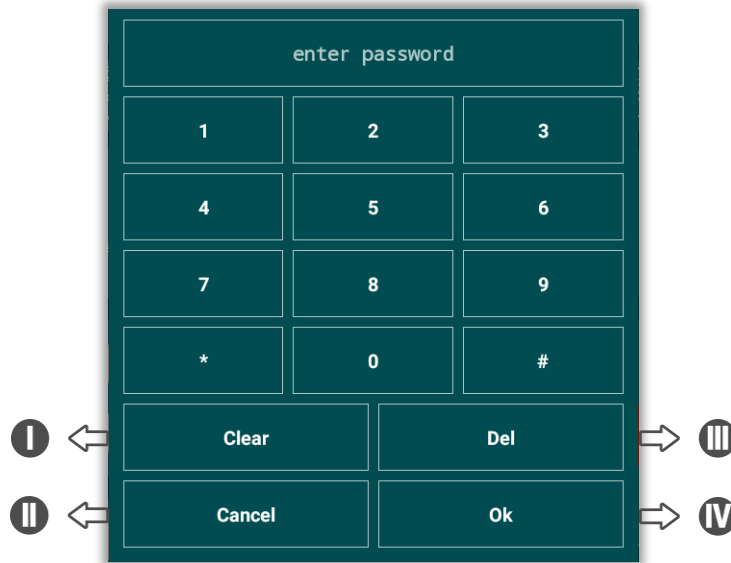


Fig. 62: Admin Password Number Keys

- I This touch button is pressed to clear the window.
- II The touch button is pressed to quit the number keys window.
- III This touch button is pressed to delete written.
- IV The touch button is pressed to complete the password process.

13.2.2. Alarm Passwords

Defined Alarms are listed here. Passwords of alarms are changed here.

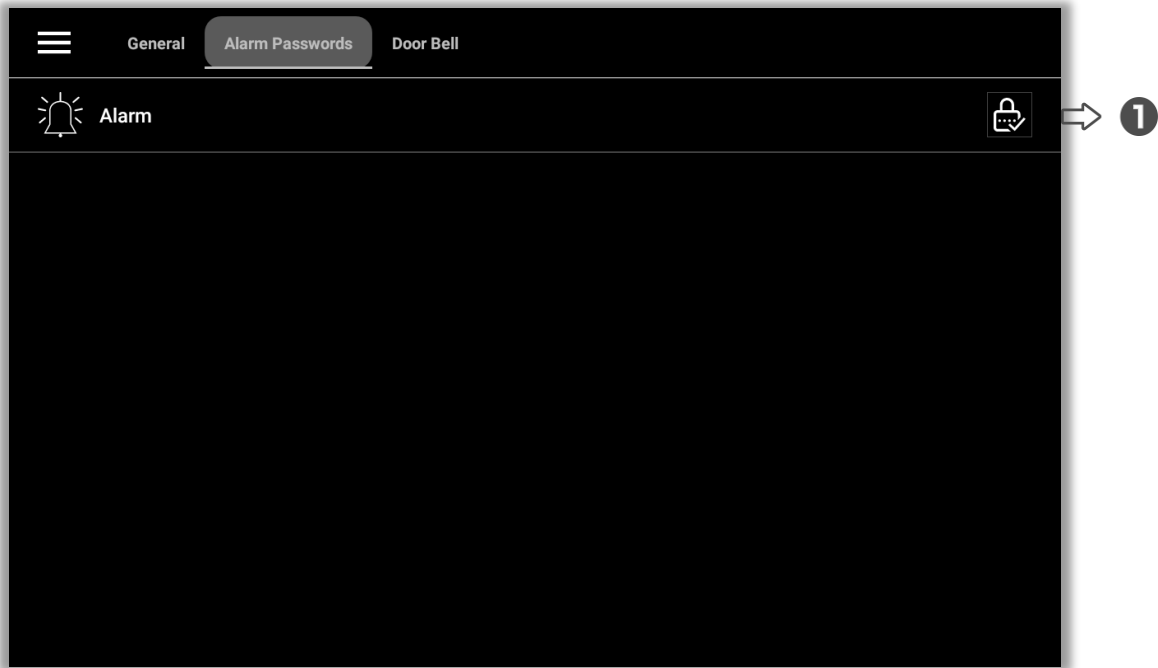


Fig. 63: Alarm Passwords Section

By pressing this touch button, the number window opens to change the password of the selected alarm. To change the alarm password, it is necessary to enter the existing administrator password.

13.2.3. Door Bell

Selected doorbells are set in this section. After the settings are made, they are saved to the Save button.

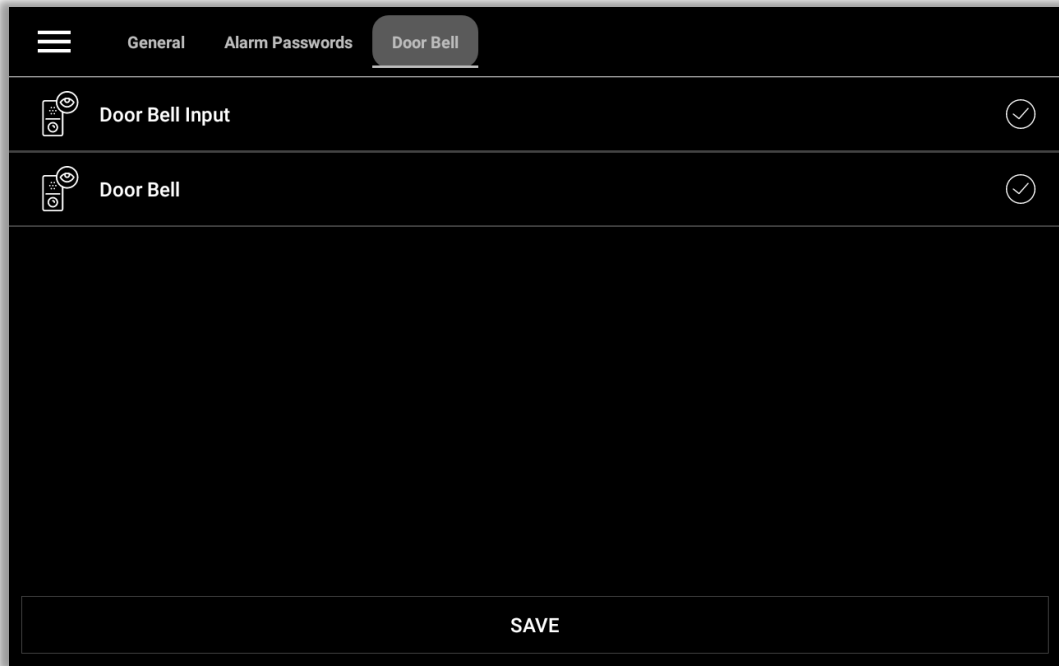


Fig. 64: Door Bell Section

13.3. Connections

From this section, registered persons can be reached. A password is entered to reach this section. The information of individuals can be shared with QR codes. Information about individuals can also be accessed from here. A new person can be added from here. Existing contacts can also be deleted from here.

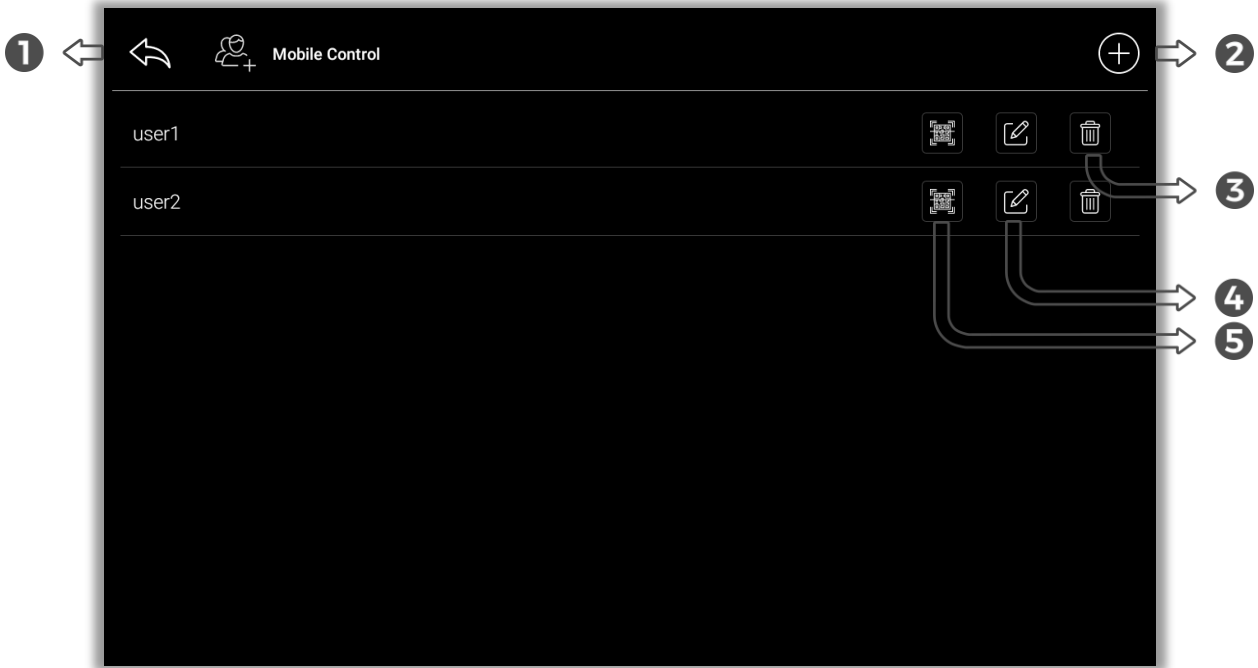


Fig. 65: Connections - Mobile Control

1 This touch button is used to return to the previous page.

2 This touch button is used to add a new person.

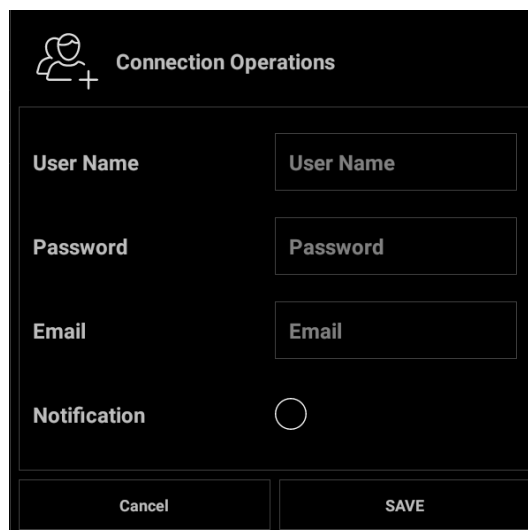


Fig. 66: Connections – Add a new person

3 This touch button is used to delete the selected person.

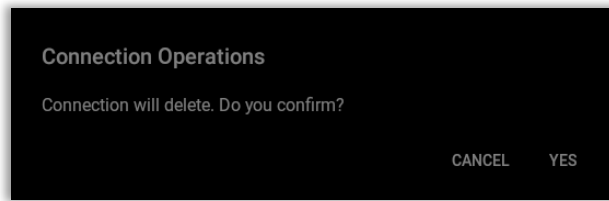


Fig. 67: Connections – Delete

4 This touch button is used to show the selected person's info.

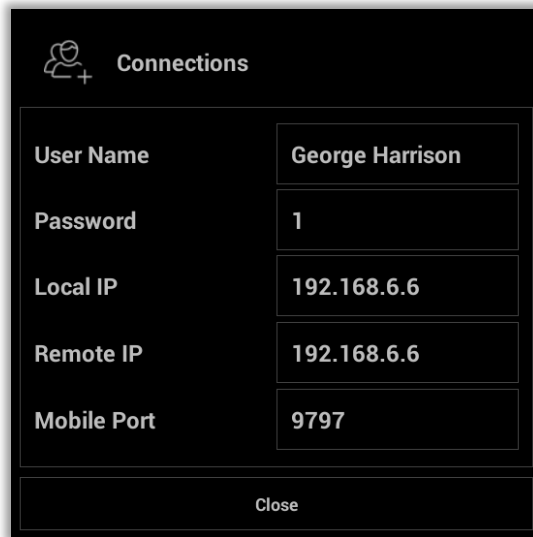


Fig. 68: Connections - Info

5 This touch button is used to show the selected person's QR Code.



Fig. 69: Connections - QR Code

13.4. About

Here you can find information about Interra.

13.5. User Manual

Here you can find the User Manual.

13.6. Close

By entering the password, the UI application is closed.

13.7. Reboot

By entering the password, the touch panel is restarted.

14. Preferences Menu

The Preferences menu consists of the System Info, General Settings, Theme, and Screen Saver sections. Through these sections, users can access general information about the panel and make adjustments such as changing the language, setting the date and time, modifying the theme, and other configurations.



Fig. 70: Preferences Menu

14.1. System Info

Version information such as Device Type, Firmware Version, App version etc. and touch panel information can be accessed from this section.

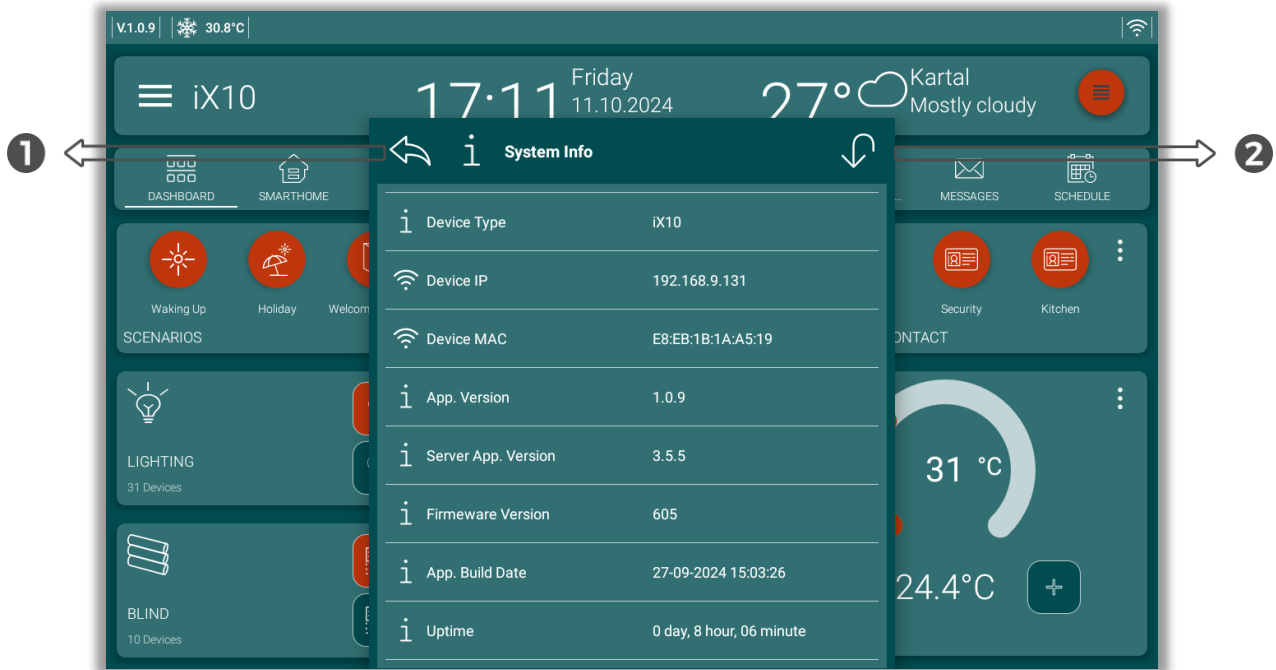


Fig. 71: System Info

- 1 This touch button is used to return to the previous page.
- 2 This touch button is used to minimize system info window.

14.2. General Setting

In this section, general settings of the Touch Panel are made. The General section contains the general settings of the touch panel such as Language, Doorbell, Date info, Time info, Screen saver, Screen saver delay, Screen saver brightness, Screen saver password activation, Screen saver password, Admin password and System sound setting of the panel.



Fig. 72: General Setting Section

NUMBER	PART NUMBER	NAME
1	14.2.1.	Language
2	14.2.2.	Date Info
3	14.2.3.	Time Info
4	14.2.4.	Ring Tone
5	14.2.5.	Door Bell
6	14.2.6.	System Sound
7	14.2.7.	System Brightness
8	-	Back Button
9	-	Minimize Button

14.2.1. Language

The panel can be set to 25 languages. The language of the panel is set here.

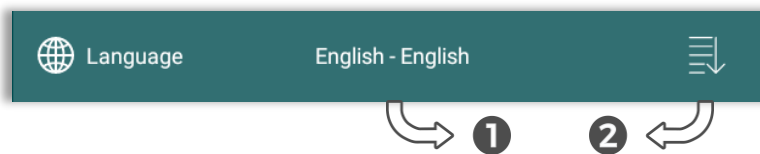


Fig. 73: Language Bar

NUMBER	DESCRIPTION
1	Selected Language
2	Set Button

- 1 The Language setting in this section is displayed.
- 2 By pressing this touch button, set the Language of the panel. The list of languages opens on the screen (Fig. 68). The language to be set is selected in the list.



Fig. 74: Language List

To exit the list that appears on the screen without making any selection, the close touch button can be pressed.

14.2.2. Date Info

The date setting of the panel is made from this section. By default, the date is Day/Month/Year (DD/MM/YYYY).

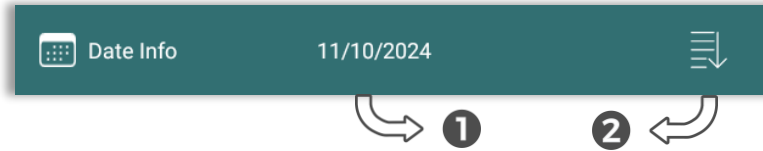


Fig. 75: Date Info Bar

NUMBER	DESCRIPTION
1	Selected Date
2	Set Button

- 1 The Date Info set in this section is displayed.
- 2 By pressing this touch button, the Date Info is set. When the button is pressed, the calendar window appears on the screen (Fig. 76).

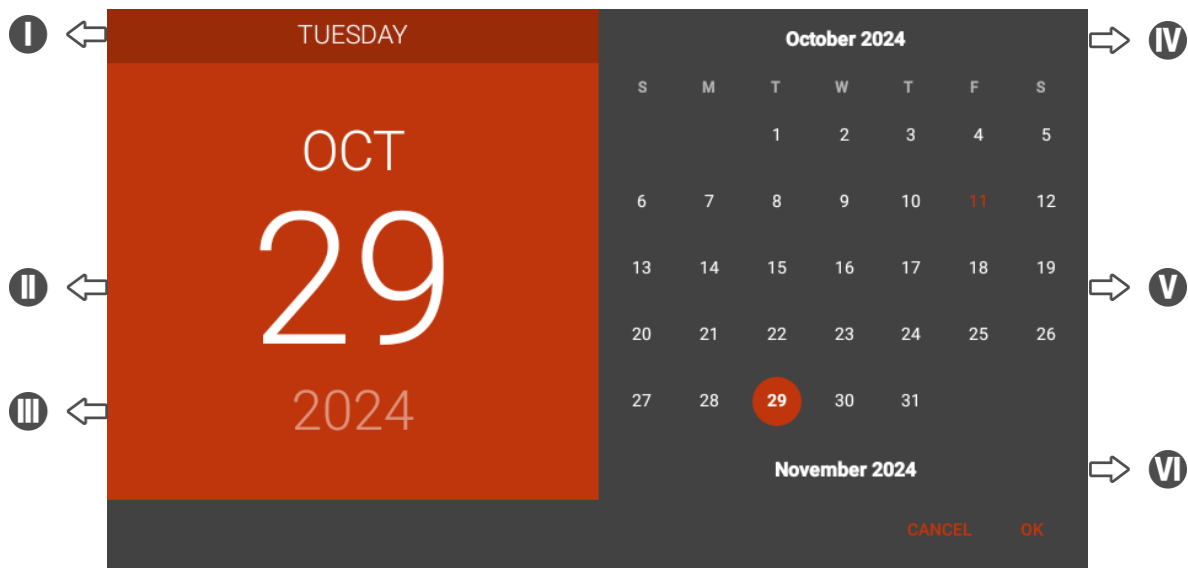


Fig. 76: Calendar Window

NUMBER	DESCRIPTION
I	The name of the selected day
II	The name of the selected month. Selected day
III	The selected year
IV	The selected month and year
V	The Calendar
VI	The name of the next month and year

- I The name of the Day set in this section is displayed.
- II Press this touch button for the Month and Day to be set. The name of the selected month and the selected day are displayed on this touch button.
- III Press this touch button for the year to be set. The year list appears in the grey part of the calendar (Fig. 76). The selected day is displayed on this touch button.



Fig. 77: Calendar's Year Window

- IV The Month and Year set in this section are displayed.
- V In this section, the day and month to be set are selected.

This part is in the form of a list. It can be scrolled up or down (Fig. 78). In this way, you can go to the previous or next month.

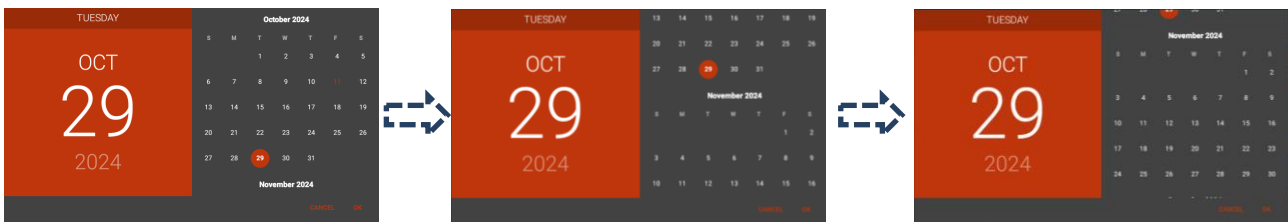


Fig. 78: Calendar List

- VI This touch button is a shortcut to go to the next month. The name of the next month is displayed on this touch button.

When the setting is complete, press OK to confirm or CANCEL to exit.

14.2.3. Time Info

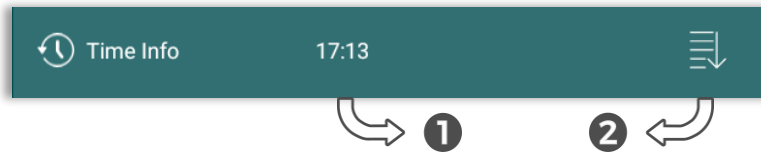


Fig. 79: Time Info Bar

NUMBER	NAME
1	Selected Time
2	Set Button

- 1 The Time Info set in this section is displayed.
- 2 By pressing this touch button, the Time Info is set.

After pressing the button, the Time Window in Figure 74 appears on the screen. This window consists of two parts, an analogue clock on the left and a digital clock on the right. The set time is displayed in the digital clock section. An hour or minute setting selection is made from the digital clock. Click on it to set the hour (I) or minute (II). The time is set from the analogue clock part.

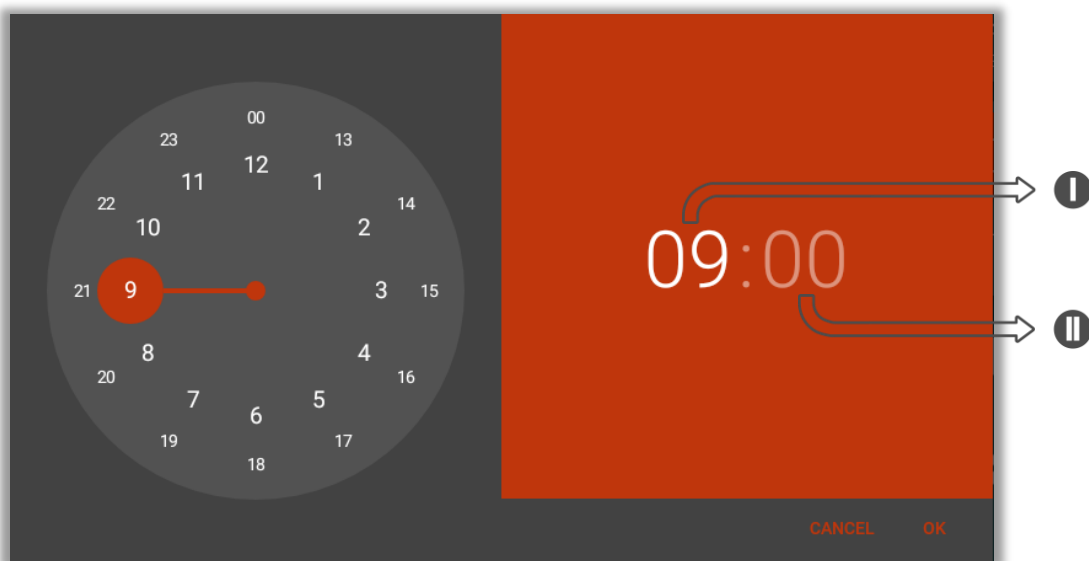


Fig. 80: Time Window

NUMBER	NAME
I	Clock Part
II	Minute Part

- I The hour in the range of 00-24 to be adjusted is selected (Fig. 81).

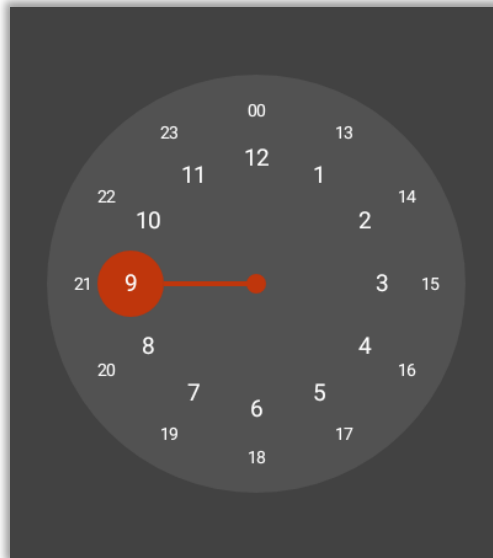


Fig. 81: Clock Window

- II After setting the hour, the minute is set. The minute is adjusted by dragging the green circle on the analogue clock in Fig. 82.

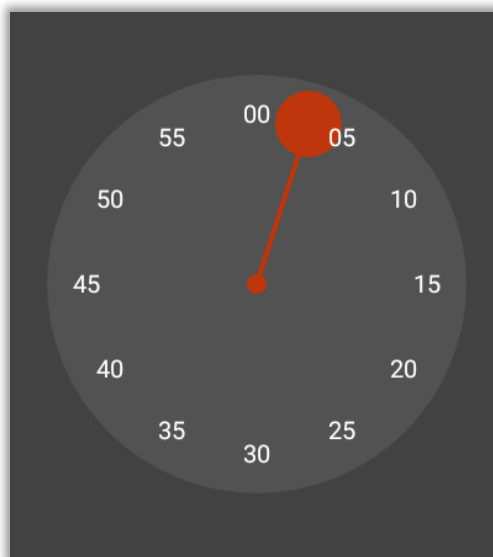


Fig. 82: Minute Window

After the process is finished, click OK to confirm. Press cancel to cancel.

14.2.4. Ring Tone

The Ring tone is the sound coming from the panel when the panel is called from any indoor or outdoor unit. Each panel comes with the default doorbells included.

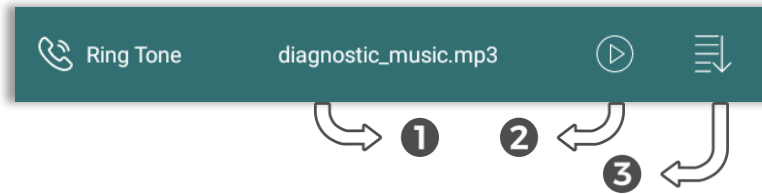


Fig. 83: Ring Tone Bar

NUMBER	DESCRIPTION
1	Ring Tone Displayed
2	Plays the selected ring tone
3	Open the ring tones list

- 1 The Ring Tone set in this section is displayed.
- 2 By pressing this touch button, the selected ring tone can listen to.
- 3 By pressing this touch button, set the ring tone of the panel.

A list of ringtones appears on the screen. The desired ringtone can be selected from the ringtone list.

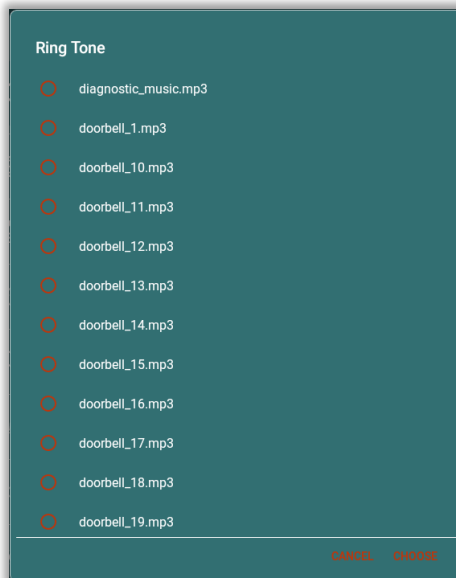


Fig. 84: Door Bell Tones List

To exit the list that appears on the screen without making any selection, the close touch button can be pressed.

14.2.5. Door Bell

The doorbell is the sound coming from the panel when the panel is called from any indoor or outdoor unit. Each panel comes with the default doorbells included.

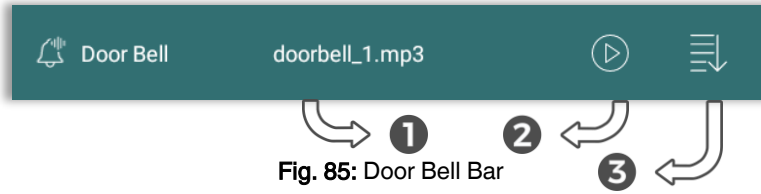


Fig. 85: Door Bell Bar

NUMBER	DESCRIPTION
1	Door Bell Displayed
2	Plays the selected doorbell
3	Open the doorbell ringtones list

- 1 The Door Bell set in this section is displayed.
- 2 By pressing this touch button, the selected ringtone can listen to.
- 3 By pressing this touch button, set the ringtone of the panel.

A list of ringtones appears on the screen. The desired ringtone can be selected from the ringtone list.

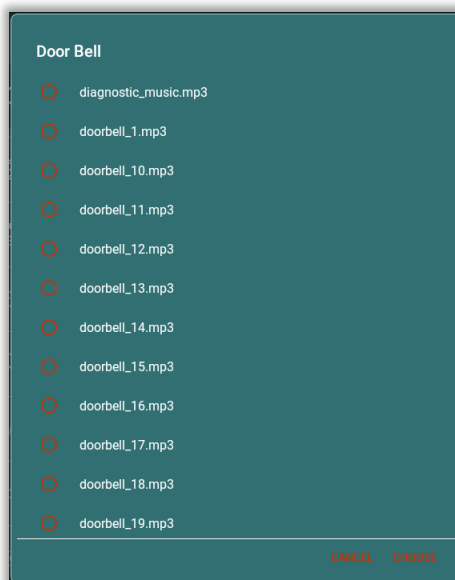


Fig. 86: Door Bell Tones List

To exit the list that appears on the screen without making any selection, the close touch button can be pressed.

14.2.6. System Sound

Panel alarms, doorbells etc. also give an audible warning. The volume of this sound is adjusted here.

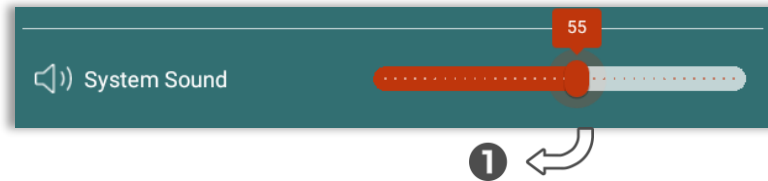


Fig. 87: Volume Level Bar

- 1 The panel is adjusted between 0-100 volume levels. The volume of the panel is adjusted by pressing and holding this touch button right-left and sliding it. The System sound on which the touch button is set is displayed.

14.2.7. System Brightness

Screen brightness can be set to 0...255.

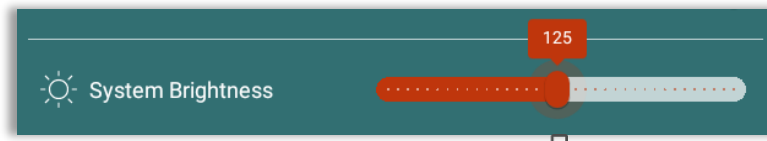


Fig. 88: Screen Saver Brightness Bar

- 1 The Screen Brightness set in this section is displayed.

14.3. Theme

From this section, the panel's theme can be selected. After a theme is chosen, the panel restarts itself to apply the selected theme.

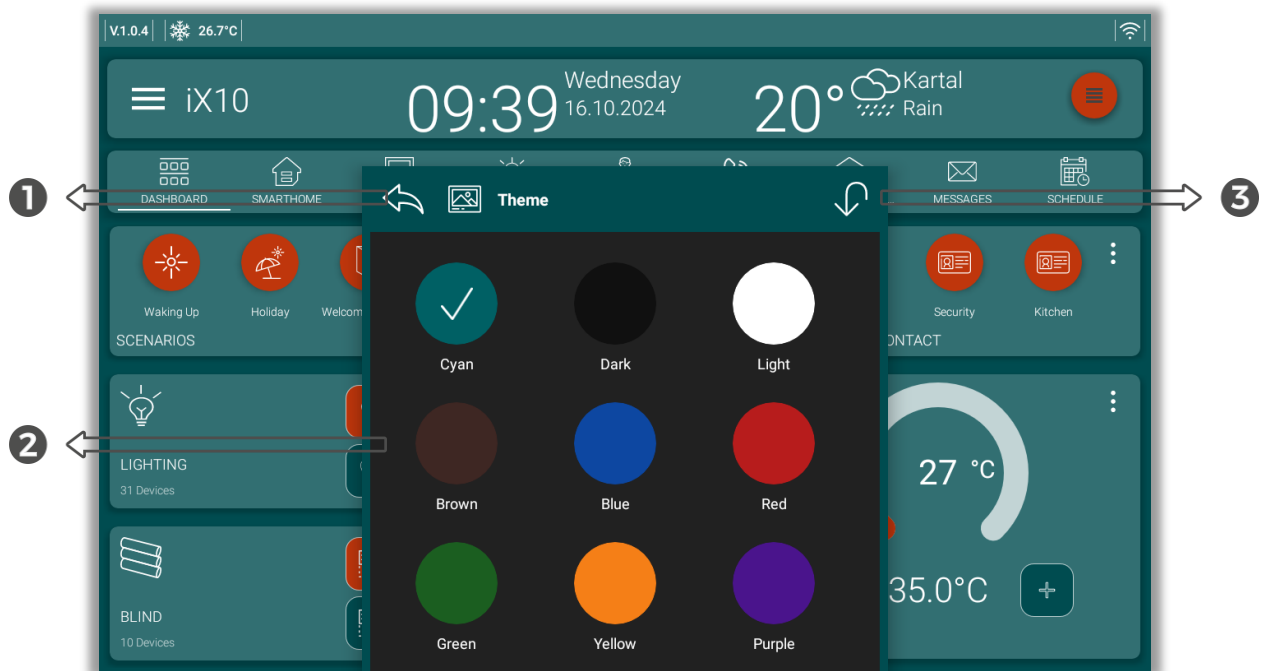


Fig. 89: Theme Section

- 1 This touch button is used to return to the previous page.
- 2 This touch button is used to open theme list.
- 3 This touch button is used to minimize theme list.

14.4. Screen Saver

The screen saver section consists of two parts. these parts are shown in Figure 89 below.



Fig. 90: Screen Saver Section

The names and numbers of the sections in the Screen Saver section are given below.

NUMBER	PART NUMBER	NAME
1	14.4.1	Screen Saver List
2	14.4.2	Screen Saver Delay
3	14.4.3	Screen Saver Brightness
4	14.4.4	Screen Saver Exit Scenario
5	14.4.5	Use Screen Saver Password
6	14.4.6	Screen Saver Password
7	-	Restart Button
8	-	Back Button
9	-	Minimize Button

7 This touch button is used to apply the configured changes. When pressed, the application restarts itself.

8 This touch button is used to return to the previous page.

9 This touch button is used to minimize theme list.

14.4.1. Screen Saver List

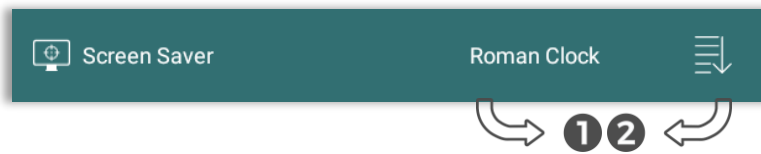


Fig. 91: Screen Saver Bar

NUMBER	DESCRIPTION
1	Screen Saver Displayed
2	Open the Screen Saver list

- 1 The Screen saver set in this section is displayed.
- 2 By pressing this touch button, set the ringtone of the panel.

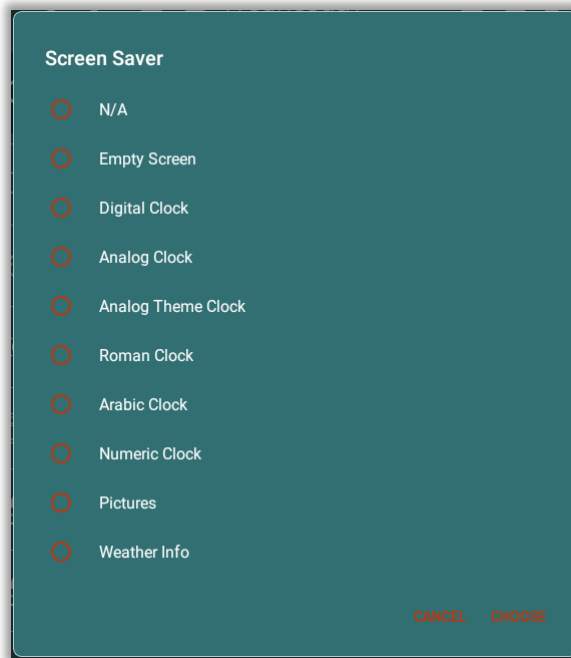


Fig. 92: Screen Savers List

To exit the list that appears on the screen without making any selection, the close touch button can be pressed.

14.4.2. Screen Saver Delay

The screen saver delay is a time that enables the screen saver to be active after a certain time. This time can be set from a minimum of 1 to a maximum of infinity.

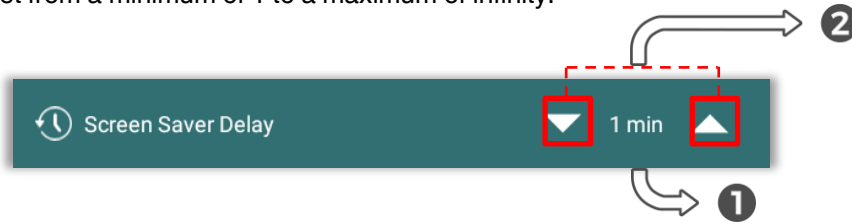


Fig. 93: Screen Saver Delay Bar

The names and numbers of the sections in the Screen Saver Delay section are given below.

NUMBER	NAME
1	Screen Saver Delay Display
2	Set Button

- 1 The screen saver delay time set in this section is displayed.
- 2 The Up and Down touch buttons are used to adjust the screen saver delay time.

14.4.3. Screen Saver Brightness

It is the percentage of the screen saver's brightness when active. Screen saver brightness can be set to 0...100%.

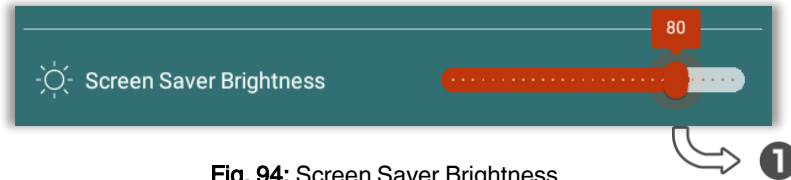


Fig. 94: Screen Saver Brightness

The names and numbers of the sections in the Screen Saver Delay section are given below.

NUMBER	NAME
1	Screen Saver Brightness Set Button

- 1 This touch button is used to adjust the screen saver brightness by sliding it to the left or right.

14.4.4. Screen Saver Exit Scenario

The Screen Saver Exit Scenario defines the scenario that runs when the user touches the screen in the saver.

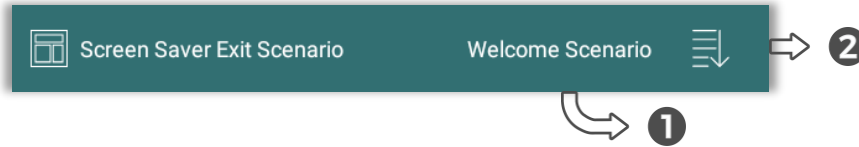


Fig. 95: Screen Saver Exit Scenario

The names and numbers of the sections in the Screen Saver Delay section are given below.

NUMBER	NAME
1	Screen Saver Exit Scenario Display
2	Open the Screen Saver Exit Scenarios list

- 1 The screen saver exit scenario set in this section is displayed.
- 2 This touch button is used to open the screen saver exit scenarios list.

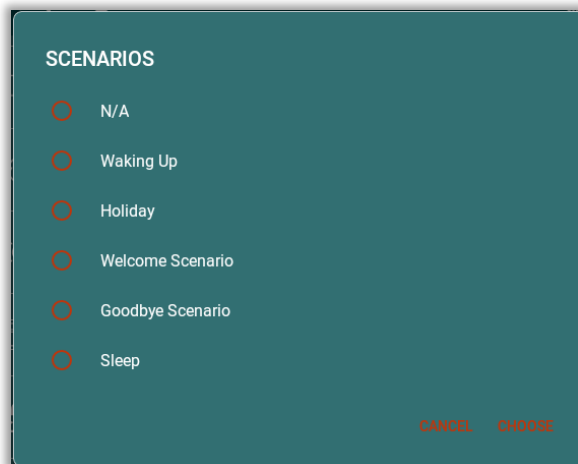


Fig. 96: Screen Saver Exit Scenarios List

To exit the list that appears on the screen without making any selection, the close touch button can be pressed.

14.4.5. Use Screen Saver Password

Screen Saver has a lock system. When Screen Saver Password is enabled, it asks for a password to exit the Screen Saver. The screen saver password is enabled/disabled here.

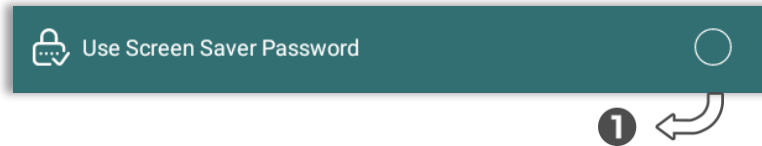


Fig. 97: Use Screen Saver Password Bar

- 1 The screen saver is enabled or disabled by pressing the touch button.



Fig. 98: Use Screen Saver Password Touch Button

14.4.6. Screen Saver Password

Password is required when Screen Saver Password is enabled. The Screen Saver Password is determined from this section.

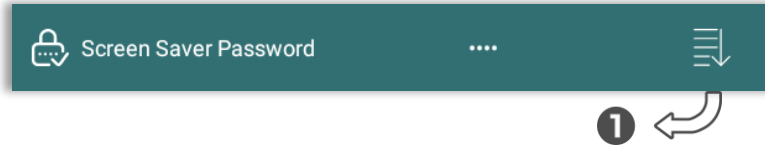


Fig. 99: Screen Saver Password Bar

- 1 This touch button is pressed to set the Screen Saver Password. Screen Saver Password is determined from the keypad that appears on the screen (Figure 100).

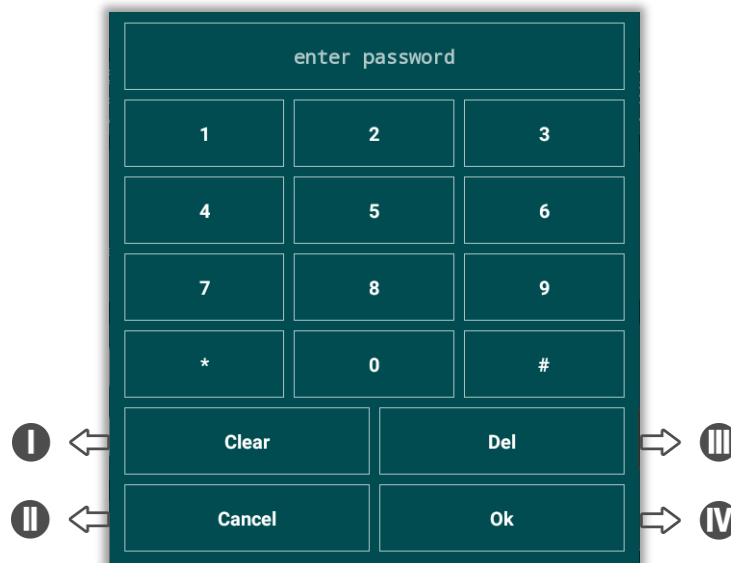


Fig. 100: Password Number Keys

- I This touch button is pressed to clear the window.
- II The touch button is pressed to quit the number keys window.
- III This touch button is pressed to delete written.
- IV The touch button is pressed to complete the password process.

CONTACT INFORMATION

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