

**'INTERRA**

**TOUCH PANEL  
INSTRUCTION MANUAL**

**'INTERRA**

## **OVERVIEW**

This manual includes information for use of Touch Panel. Please read this manual carefully before using the program.

In case those information are ignored, please do not forget that Yonnet Bilisim shall not accept any reliability,

and the device shall not be covered by the warranty.

Please keep your User Manual since it is an crucial source for the reliably and securely use of your device.

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**1 GENERAL INFORMATION**

- Site management services,
- Consierge services,
- Intelligent counter integration,
- Ligthing control,
- Air-conditioning system integration,
- Fan Coil system integration,
- Analog intercom system,
- IP/Sip intercom system,
- IP phone integration,
- Analog/IP camera integration,
- Traffic density status monitoring,
- Access invoice data,
- Post-box notifications,
- Alarm system integration,
- Alarm status (flooding, PIR detector, etc.),
- Spa center, cleaning, renovation, vale, taxi, etc.

## 2 HOME SCREEN

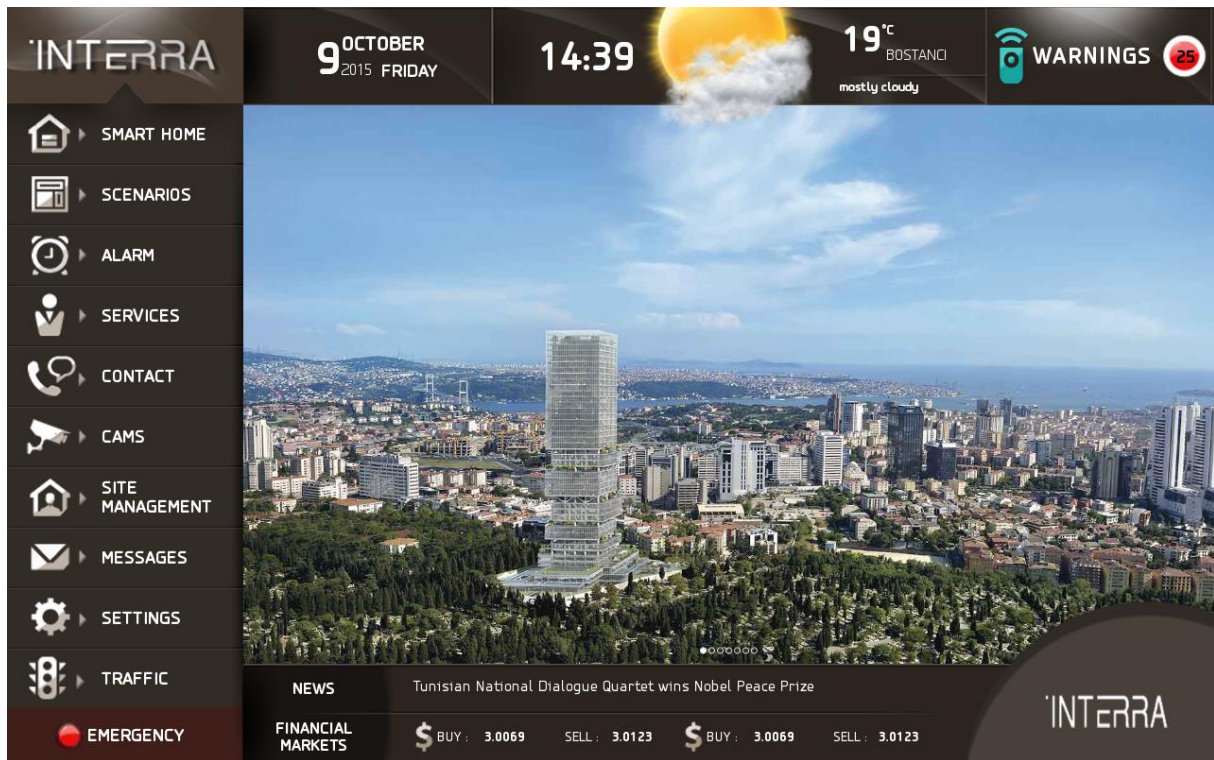


Figure 1. Home Screen

Interra as the touch screen to inform the outside the main features of the control services are available.

The menu on the home screen.

- Intelligent Home
- Scenarios
- Alarm
- Services
- Communication
- Cameras
- Site Management
- Messages
- Settings
- Traffic & Road
- Emergency
- Notices

Information Services;

- Date/Clock
- Weather
- News
- Money Markets

## 3 INTELLIGENT HOME

It is the screen where the controls within the system are displayed. Basically it consists of 5 divisions. Those are:

- Lighting
- Curtain
- Shutter
- Air conditioner
- General

### 3.1 Locations

The location controls are listed below Intelligent Home on the left. In case it is entered into those location controls, only the controls of that location shall be displayed.

If no location is selected, the related controls of the whole project shall be displayed.

### 3.2 Lighting

Controlling of the lightings of the project shall be performed in this page. If pressed on gray coloured icon the lighting shall be turned on. If pressed while in yellow colour, it shall be turned off. For Dimmer lightings, besides on/off feature, it can be adjusted in % by means of the bar below them.



Figure 2. Lighting

The buttons on the downbar;

- **Home Page:** Returns home screen.
- **All Open:** Turns all lightings in the location on.
- **All Close:** Turns all lightings in the location off.
- **Save Scenario:** It allows to define all specific scenarios by containing the controls within lighting, curtain, shutter, air conditioner and general tabs.

## 3.3 Curtain

Controlling of the curtain of the project shall be performed in this page.

- Up Arrow: Moves curtain upwards.
- Down Arrow: Moves curtain downwards.
- Middle Button: Stops the curtain in motion.



Figure 3. Curtain

The buttons on the downbar;

- **Home Page:** Returns home screen.
- **All Open:** Opens all curtains in the location.
- **All Close:** Closes all curtains in the location.
- **Save Scenario:** It allows to define all specific scenarios by containing the controls within lighting, curtain, shutter, air conditioner and general tabs.



## 3.4 Shutter

Controlling of the shutter of the project shall be performed in this page.

- **Up Arrow:** Moves shutter upwards.
- **Down Arrow:** Moves shutter downwards.
- **Middle Button:** Stops the shutter in motion.



Figure 4. Shutter

The buttons on the downbar;

- **Home Page:** Returns home screen.
- **All Open:** Opens all shutters in the location.
- **All Close:** Closes all shutters in the location.
- **Save Scenario:** It allows to define all specific scenarios by containing the controls within lighting, curtain, shutter, air conditioner and general tabs.

## 3.5 Air conditioner

You can control the air-conditioning devices in your system by means of those pages. If you pass Air-conditioner Page after Intelligent Home menu without selecting a location, you shall reach Air-Conditioner General page, if you pass after selecting a location, you shall reach Air-conditioner Location page.



Figure 5. Air-Conditioner General

### General Controls

- **General Heating:** Makes your system enter into heating mode. If there is a control, your whole home shall enter into heating.
- **General Cooling:** Makes your system enter into cooling mode. If there is a control, your whole home shall enter into cooling.
- **General Fan:** Makes your system enter into Fan mode. If there is a control, your whole home shall enter into fan mode.
- **General Humidity:** Makes your system enter into Humidity mode. If there is a control, your whole home shall enter into dehumidification mode.



Figure 6. Air-Conditioner Location

## Location Controls

- **ON:** Sends an ON command to your system.
- **OFF:** Sends an OFF command to your system.
- **UP:** Increases system temperature setpoint for one unit (°C / shift).
- **DOWN:** Decreases system temperature setpoint for one unit (°C / shift).
- **COOLING MODE (Left Indicator):** Specifies the active mode of your system.
- **SET TEMP (Red Degree):** Displays system' temperature set point.
- **ACT TEMP (Green Degree):** Displays ambient temperature.
- **MIDDLE (Right Indicator):** Displays active fan speed.
- **FANS :** Modifies system fan speed.
- **MODS :** Performs system mode changes.

**NOTE:** Active conditions are displayed in coloured.

The buttons on the downbar;

- **Home Page:** Returns home screen.
- **All Open:** Turns all air-conditioner in the location on
- **All Close:** Turns all air-conditioner in the location off.
- **Save Scenario:** It allows to define all specific scenarios by containing the controls within lighting, curtain, shutter, air conditioner and general tabs.

## 3.6 General

All on/off controls except lightings, curtain, shutter and air-conditioner controls within the project shall be performed in this page. Control shall be opened when gray icons are pressed. If pressed while in colour, it shall be turned off.



Figure 7. General

The buttons on the downbar;

- **Home Page:** Returns home screen.
- **All Open:** Opens all general controls in the location.
- **All Close:** Closes all general controls in the location.
- **Save Scenario:** It allows to define all specific scenarios by containing the controls within lighting, curtain, shutter, air conditioner and general tabs.

## 4 UNDER FLOOR HEATING

You can control under floor heating devices in your system by means of those pages. After Intelligent Home menu and location selection, you can enter Under Floor Heating page.



Figure 8. Under Floor Heating

### Controls

- **ON:** Sends an ON command to your system.
- **OFF:** Sends an OFF command to your system.
- **UP:** Increases system temperature setpoint for one unit (°C / shift).
- **DOWN:** Decreases system temperature setpoint for one unit (°C / shift).
- **HEAT (Left Indicator):** Indicates that your system is running in Heating mode.
- **SET TEMP (Red Degree):** Displays system temperature set point.
- **ACT TEMP (Green Degree):** Displays ambient temperature.
- **MIDDLE (Right Indicator):** Displays active fan speed.
- **FANS :** Modifies system fan speed.

**NOTE:** Active conditions are displayed in coloured.

The buttons on the downbar;

- **Home Page:** Returns home screen.
- **All Open:** Turns all air-conditioner in the location on
- **All Close:** Turns all air-conditioner in the location off.
- **Save Scenario:** It allows to define all specific scenarios by containing the controls within lighting, curtain, shutter, air conditioner and general tabs.

## 5 SCENARIOS

The scenarios within the system or the scenarios registered by the user shall be activated over this screen.



Figure 9. Scenarios

**For Example,** Since Getting Home scenario contains entry lightings and activation of power sockets, this process can be activated with just one button. On the contrary, for Leaving Home scenario, all lighting, curtain, shutter and power sockets shall be activated with just one button. A brief summary of scenarios can be displayed on scenario contents list screen Displays location settings of each control.

The buttons on the downbar;

- **Home Page:** Returns home screen.
- **Delete Scenario:** Deletes selected scenario.
- **Apply Scenario:** It is used to activate the scenario.



## 6 ALARM

According to the datas received from all alarm detectors within the system, security system could be established. From Keypad section, after entering alarm password and pressing ENTER button, alarm setup and deletion operations can be performed. Alarm setup and deletion operations can also be performed over external alarm panels.



Figure 10. Alarm

You can setup/delete the alarm by entering ALARM PASSWORD. In order to be able to set up alarm, Alarm Objects which have been defined on Admin Panel by you, should not be in detection state. If you attempt to set up an alarm in detection state, you will get a warning.

You can see whether alarm is setup or not (Active) on alarm page.

In the same time, you can see each detector whether in detection state or not. If you wish, you can make those alarms inactive and prevent Alarms being setup.

### NOTE:

If detector is in GREEN, it is in ready state, in other words, there is no detection.

If detector is in RED, it is in warning state, in other words, there is detection.

## 7 SERVICES

You can find services, which are planned to be sent over integrated consierge servers, here. By touching on the desired service, a request is sent to server by reporting necessary details.

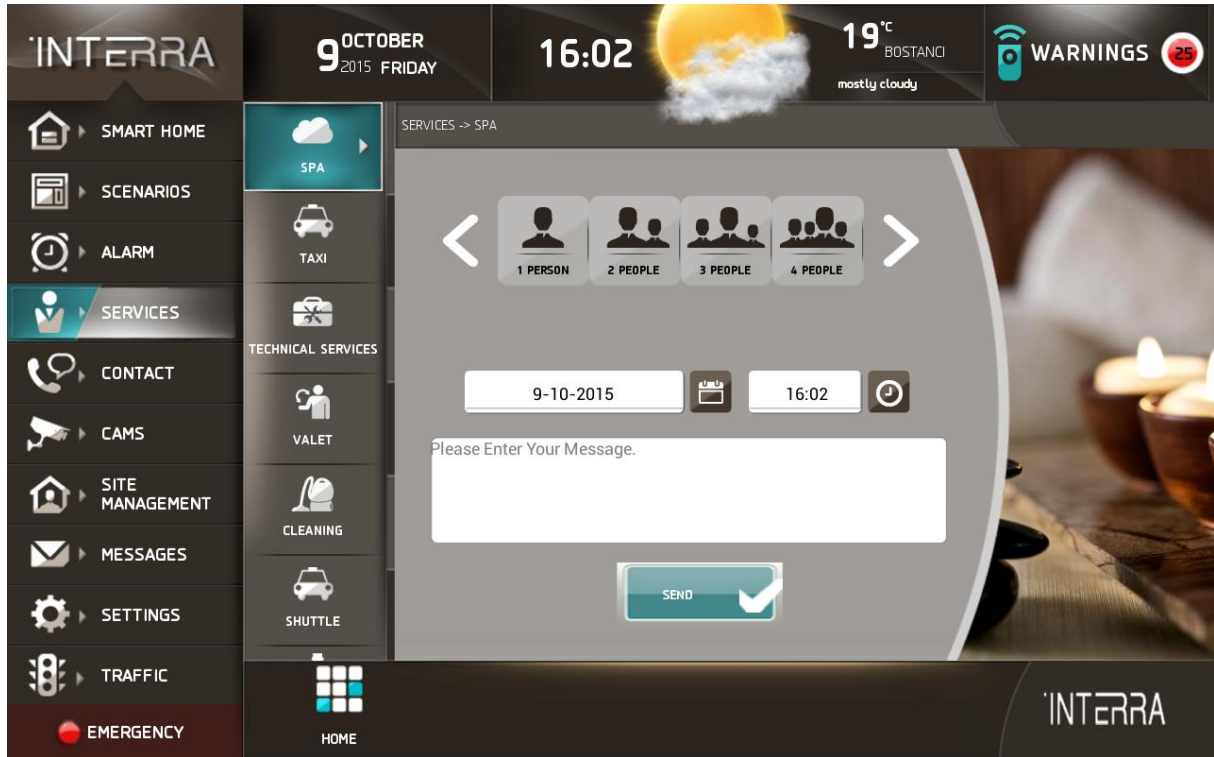


Figure 11. Services

Services menu includes default sub-menus such as Spa, Taxi, Shuttle, Renovation, Cleaning, Bellboy, Car Wash etc. Your requests sent via those menus shall be submitted to Management or relevant channels. You can close unused services by means of Interra Admin Panel. You should contact to your company if you request new services.



## 8 COMMUNICATION

Communication is duplex.

- It is possible to make calls from here by means of registered IP Phones. Just touch on green button to call the phone numbers registered into the system.
- It is possible to receive and reply incoming calls from digital intercom and IP phone. If desired; cameras, videos are supporting necessary protocols for incoming calls, desired image transferring shall be performed.

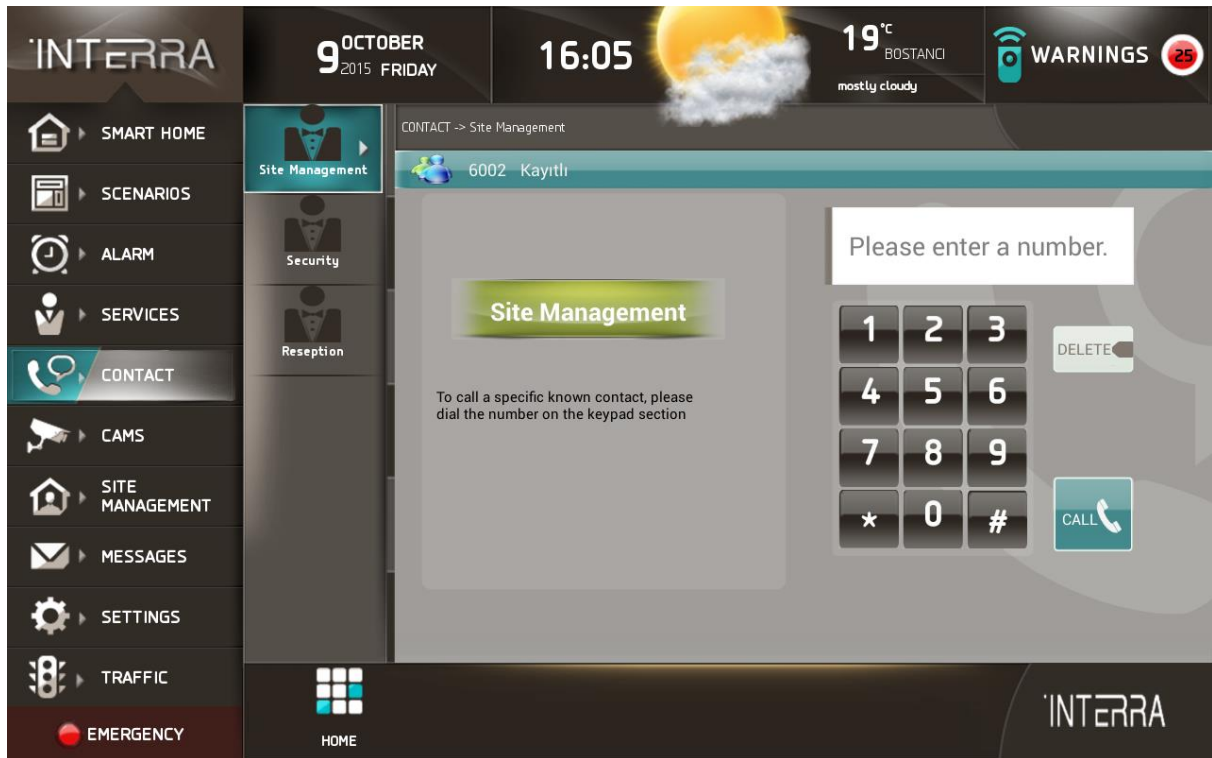


Figure 12. Communication

### Caution!

- **Supported protocols are RTSP(Real Time Streaming Protokol), MJPEG(Motion-JPEG).**
- Video calls shall be performed in simplex way due to security matters. In other words, there is no video transferring over Interra Touch Panel.

## 9 CAMERAS

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



Figure 13. Cameras

### Caution!

- Supported protocols are RTSP(Real Time Streaming Protokol), MJPEG(Motion-JPEG).

## 10 SITE MANAGEMENT

Bulletins, Invoice, Counter Information and Information messages, which are sent via site management interface over integrated consierge server, shall be displayed. They could be followed over Warnings indicators and buttons located on upper-right corner. If data is received as a message by device, number of indicator increases. Content of message can be opened by clicking on the message.

In addition, you can send your messages to Site Management via Opinions&Suggestions.

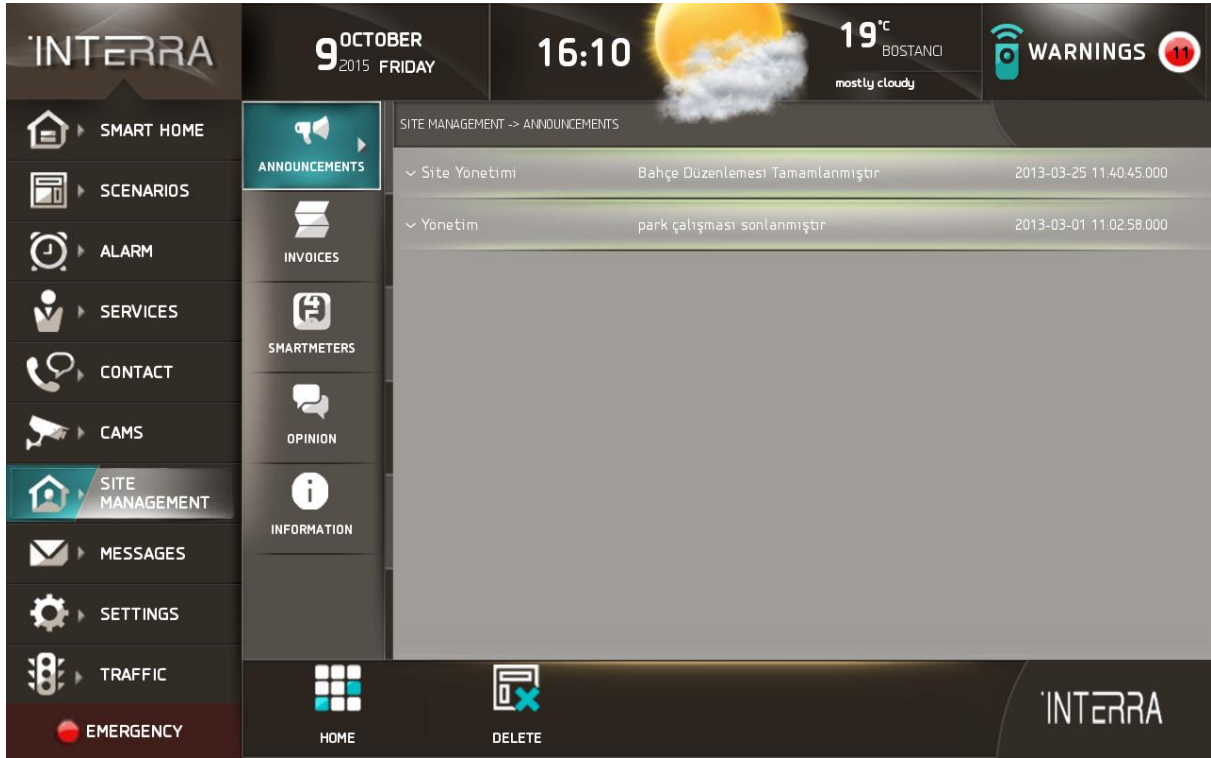


Figure 14. Site Management

## 11 MESSAGES

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



Figure 15. Messages

### Caution!

- Read messages are shown in green background, whereas unread messages in red background.
- Read messages shall be automatically dropped from Warnings sections.

## 12 SETTINGS

Users can see panel and system information and make some certain settings in Settings menu. Settings menu is divided into 8 submenu.

### 12.1 System – Info

Users can see the information about the system here. In addition, they can enter Android System settings or restart panel.

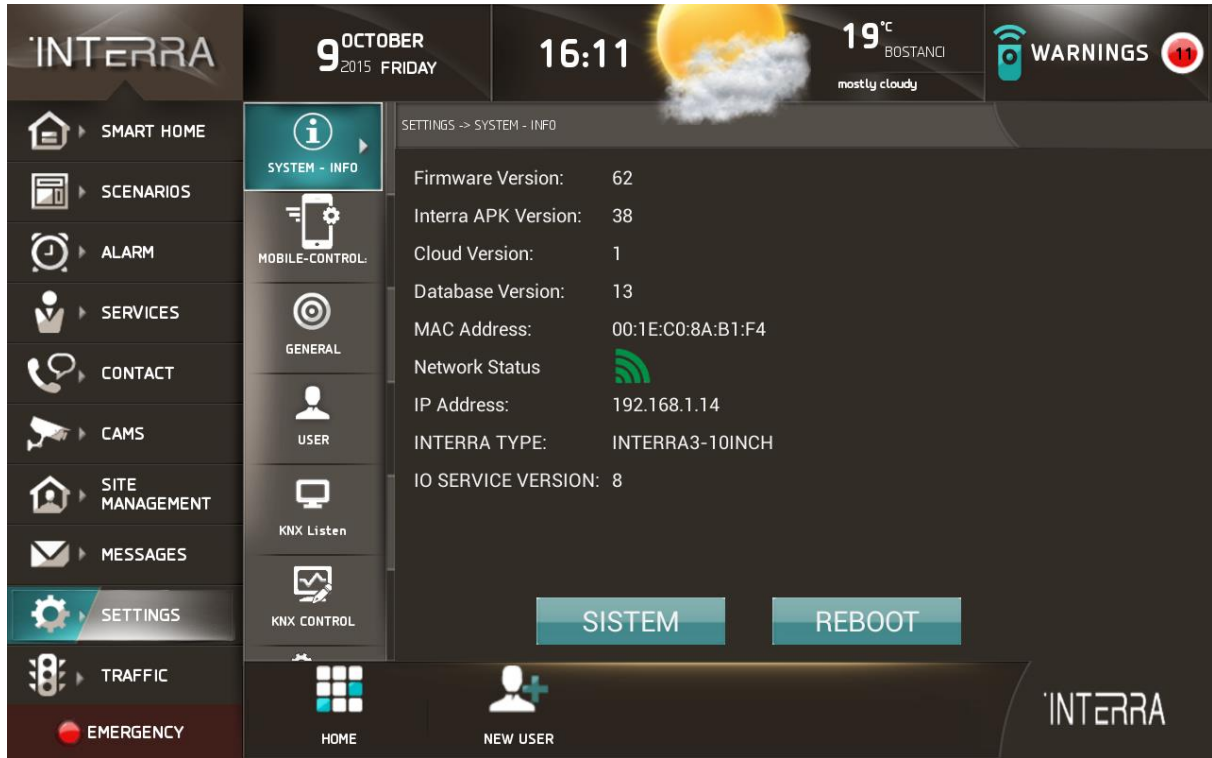


Figure 16. Settings System - Info

## 12.2 General

Users can make some certain settings about their own panels here. In order to activate the setting modifications, APPLY/RECORD shall be implemented.

### Features:

LANGUAGE	: Changes interface language.
DOOR BELL	: Active door bell (for door step)
LENGHT OF DOOR BELL RING	: The number of active doorbell ringing
IP DOOR BELL	: Active door bell for SIP Calls
ALARM PASSWORD	: Alarm password required for Alarm setup/deletion
ALARM SOUNDING LENGHT	: Duration of alarm sounding in alarm state (minutes/continious).
SCREEN SAVER	: Active Screen Saver
WAITING TIME OF SCREEN SAVER	: Waiting time of screen saver
SCREEN SAVER PASSWORD	: Whether screen saver has a password or not, if it has, the password is determined.
NEWS	: Active News RSS Source
EMAIL	: E-mail address of admin user
FINANCE MARKETS	: Active currencies

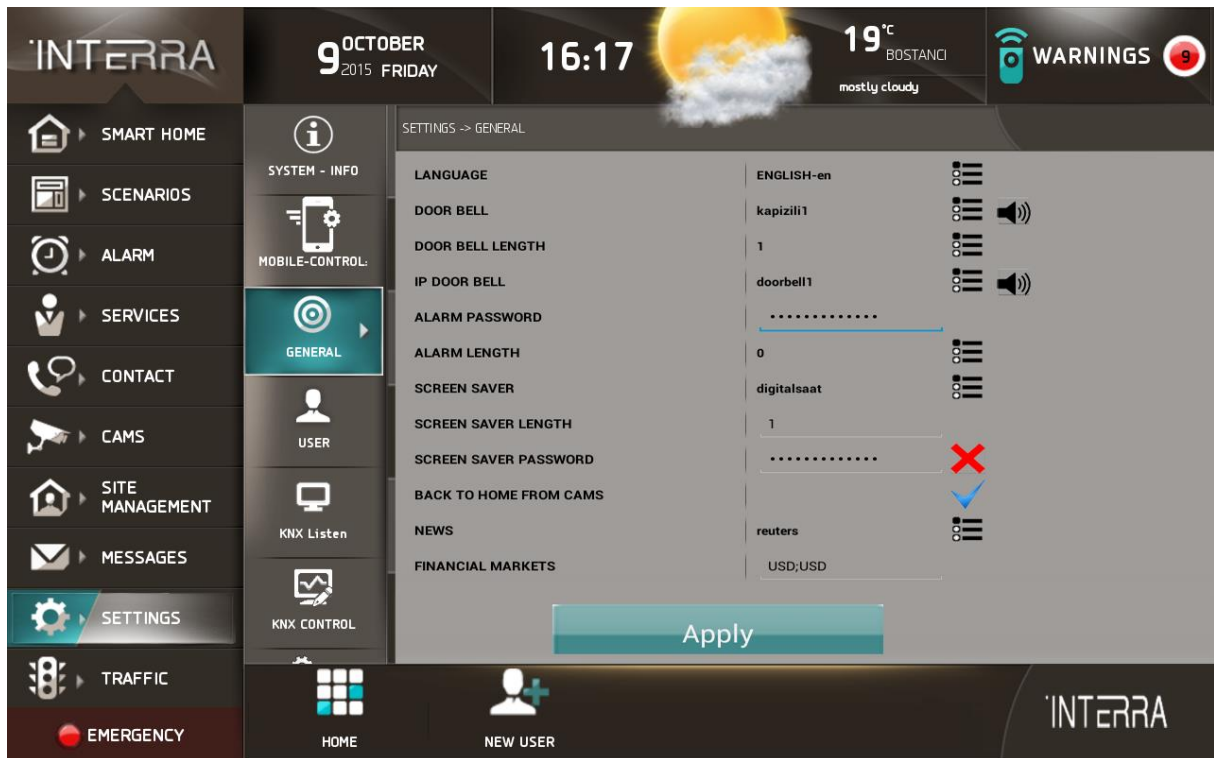


Figure 17. Settings - General

## 12.3 Mobile-Control

Includes necessary connection information for the connection of your new Androil Mobile application. You can either enter those information into network settings of our mobile application manually or make QR Code scanned.

Login password will ask when try to open this screen.

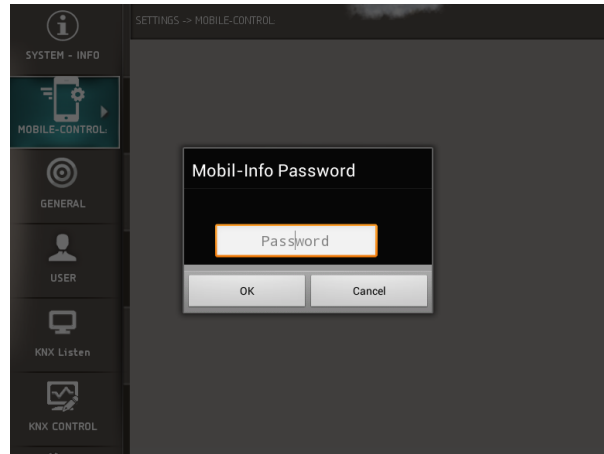


Figure 18. Settings - Mobile Control Screen Password

If current password is same with default password, system will ask to create new password. Default password is 1234. Password can change with Mobile-Info Password when enter to Mobile-Control Page.

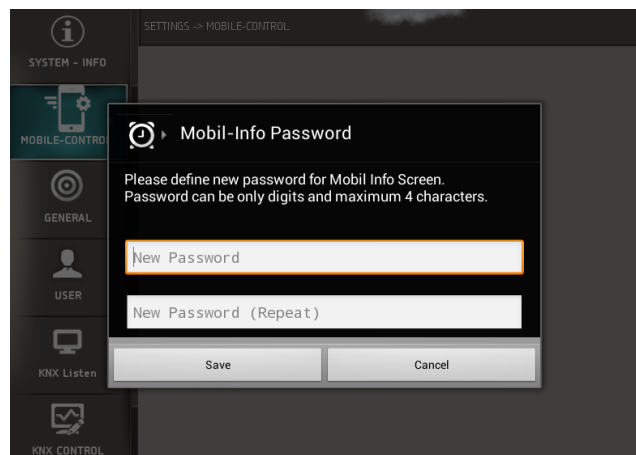


Figure 19. Settings - Mobile Control Screen Password Creation



Connection informations of defined users can see in Mobile-Control Screen. Connections can create or delete with users.

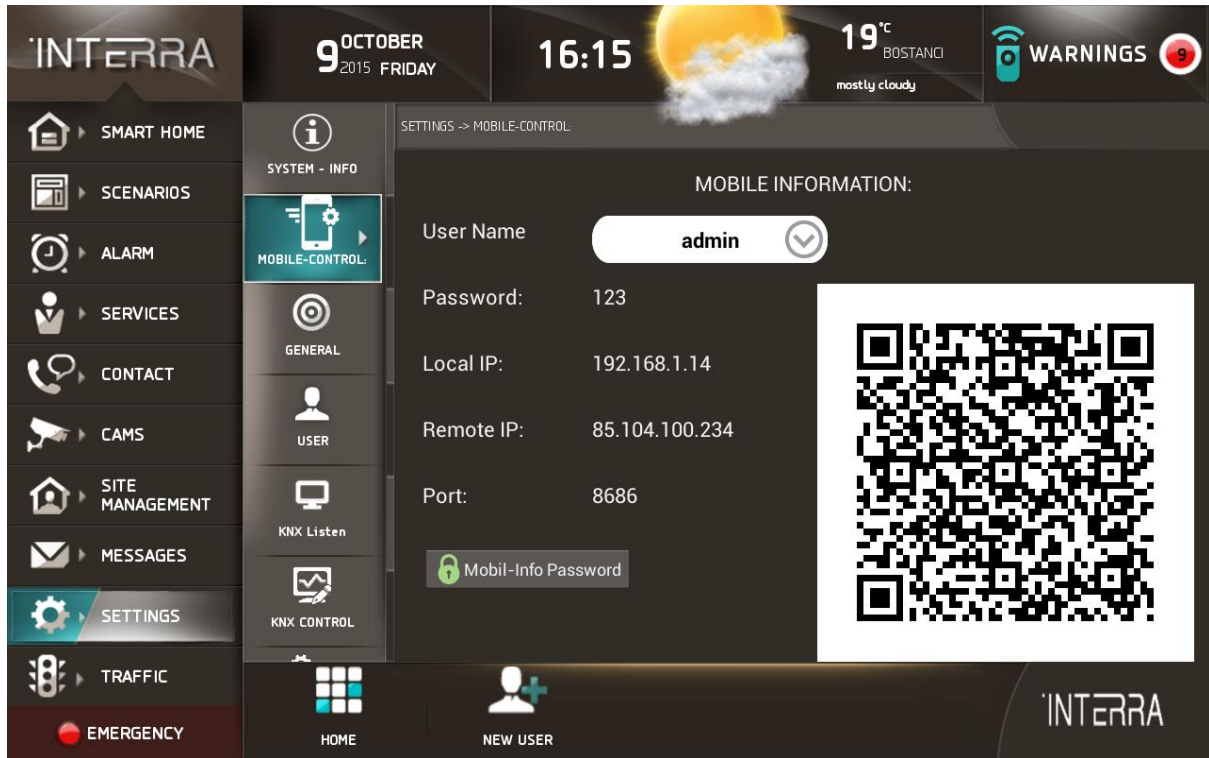


Figure 20. Settings - Mobile Control

The most important point here is that port routings should be performed for selected port. For example, an incoming request to 8686 port should be transmitted to 192.168.1.12 IP with 8686. Internal and external port should be same.

Moreover, port numbers of panels within the same network must be different and port routings must be performed accordingly.



## 12.4 User

Displays users defined to the system for remote access. Transactions shall be executed over users via Edit and Delete buttons on the right hand side of users tab. If you would like to add a new user, you can use New User button on downbar.

### Information needed while adding new user:

- User Name** : User name to be asked during system access.
- E-mail** : E-mail address where notification e-mails shall be sent to user.
- Notification** : Confirmation of receiving notifications.
- Password** : Password to be checked during system access.

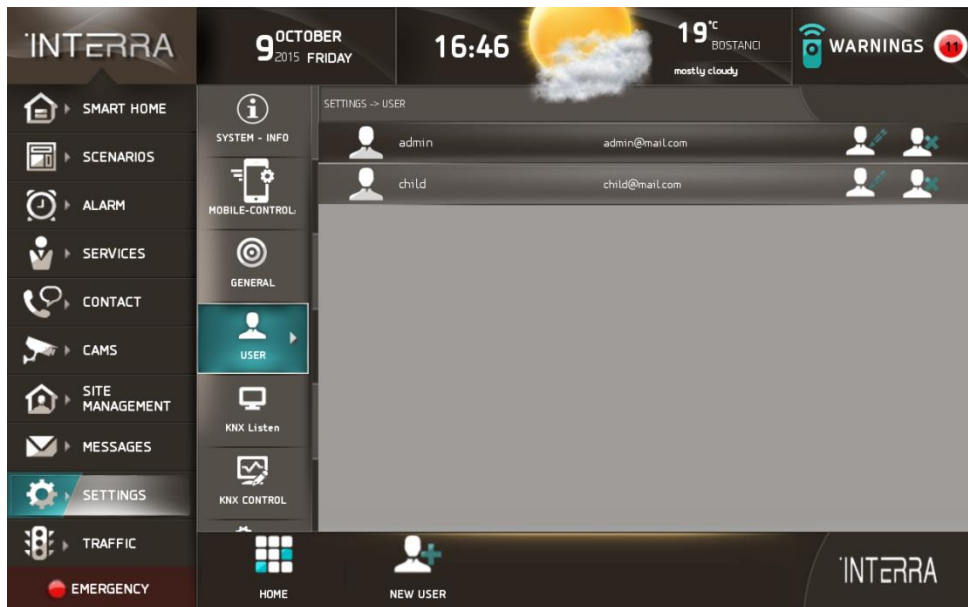


Figure 21. Settings - User

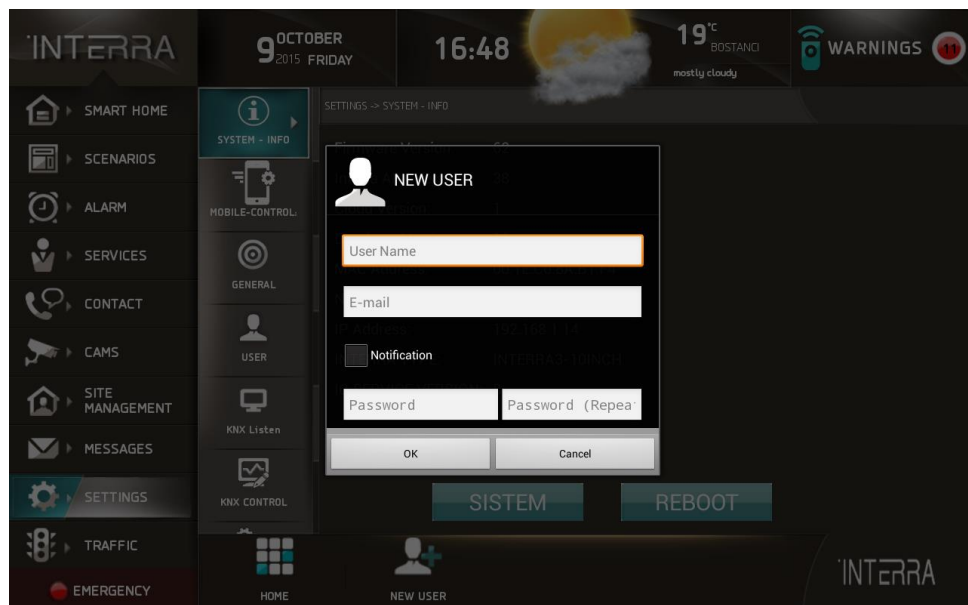


Figure 22. Settings - New User

## 12.5 KNX-Listen

Telegrams flowing through bus line (Destination Address and Data) shall be listed here. When initial installation is performed, it can be checked that whether Interra Panel could or not read the information flowing in bus line.

SETTINGS -> KNX Listen

Dest. Address	Data	Type
0/1/15	00	unknown
0/1/16	00	unknown
0/0/7	00	unknown
0/0/8	00	unknown
0/0/13	00	unknown
0/0/14	00	unknown
0/0/10	00	unknown
0/0/11	00	unknown
0/0/16	00	unknown
0/0/17	00	unknown

Figure 23. Settings - KNX Listen

## 12.6 KNX-Control

Telegrams flowing through bus line (Destination Address and Data) shall be listed here.

You can also send On, Off, Read, Dim, Value, 2BIT Data information to group address that you write and you can see them above.

In addition, panel can send the logs, which have been registered from last starting time,

Can be sent to Yönet Technical Team by using **SEND LOGS EMAIL** button.

Interra Touch Panel Knx Physical Address can set with **SET PHY.ADD.** button

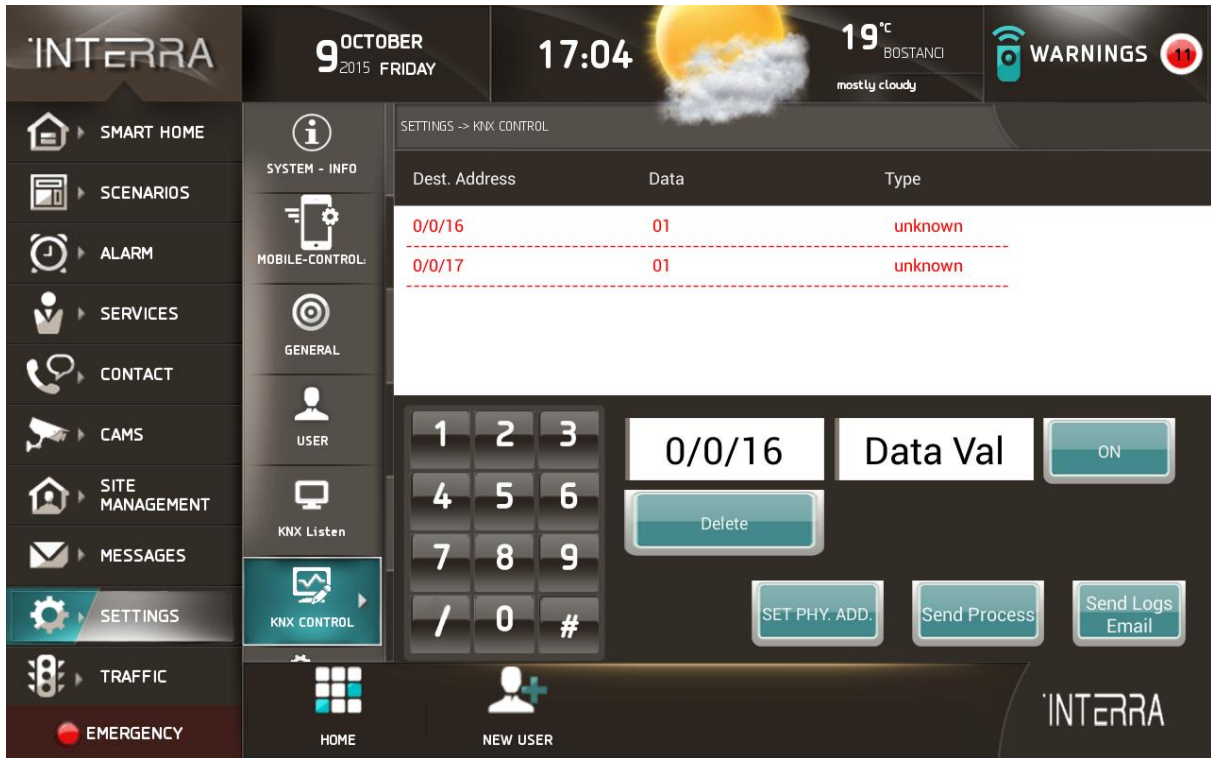


Figure 24. Settings - KNX Control

## 12.7 SIO-Control

You can check inputs and outputs of Interra Panel in this section. You can check that system can capture the commands you have given from input or check the programmed structure by you by logging on and off outputs from system side.



Figure 25. Settings - SIO Control

## 12.8 Network Control

You can see network settings of Interra Panel, as well as learn installed application versions. In addition, you can ping any internet address you want and you can make any checks about your internet connection.



Figure 26. Settings - Network Control

## 13 TRAFFIC&ROAD

You can access instant Traffic Density Map of selected project location, provided by Yandex. You can zoom in/out and navigate on the map.

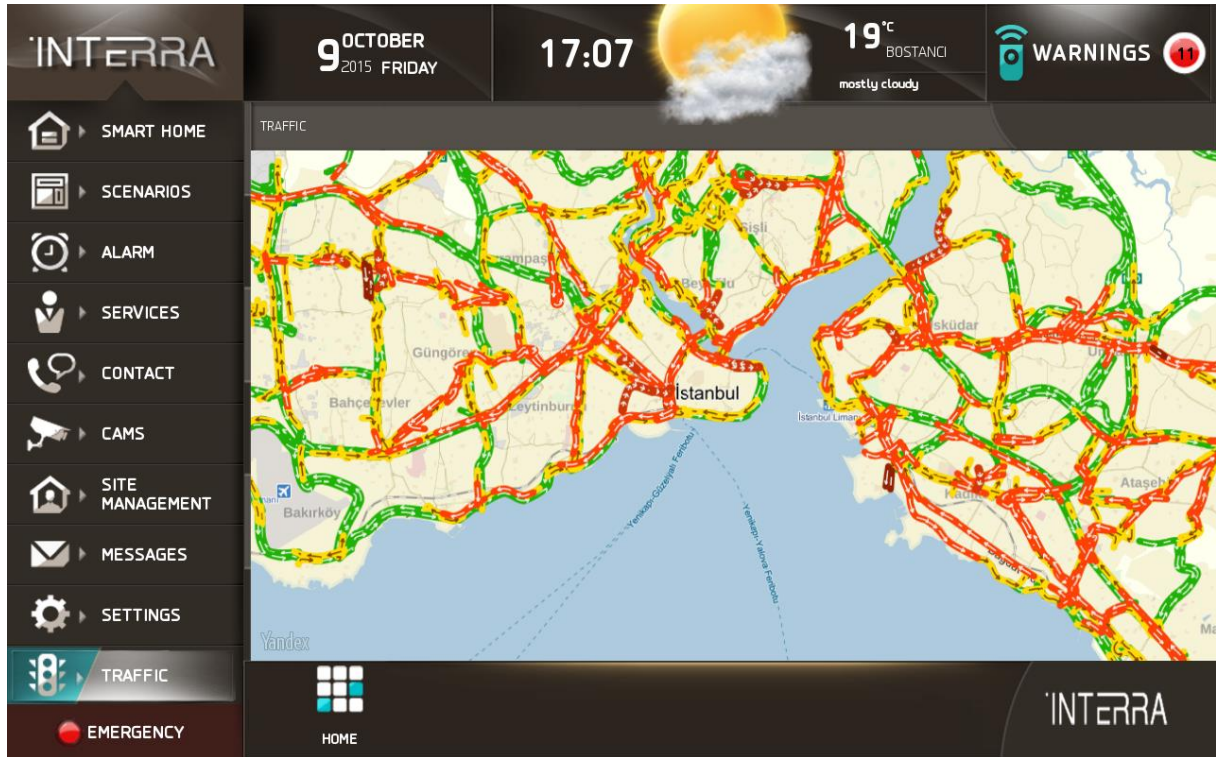


Figure 27. Traffic & Road

### NOTE:

- If you encounter a problem during zooming in/out or late uploading during navigation, please check your network speed. Those uploading problems are only caused by internet access.
- Location change, which is also shown on map, must be performed by Interra Admin Panel and technical team.

### Caution!

- Internet connection is needed in order to access updated traffic&road condition.



## 14 TIMER

Periodical (scheduled) transactions can be performed on Interra Panel Timer transactions shall be performed weekly. Users can create their own Timer Groups via timer menu.

Each Timer Group can perform the following:

- Start Date** : Date when transactions included within timer group becomes active
- Ending Date** : Date when transactions included within timer group becomes inactive
- Active / Inactive** : Stops or keeps running by making timer group active/inactive.
- Timer List** : List of timer group transactions (Control, days, hours, status, active/inactive)

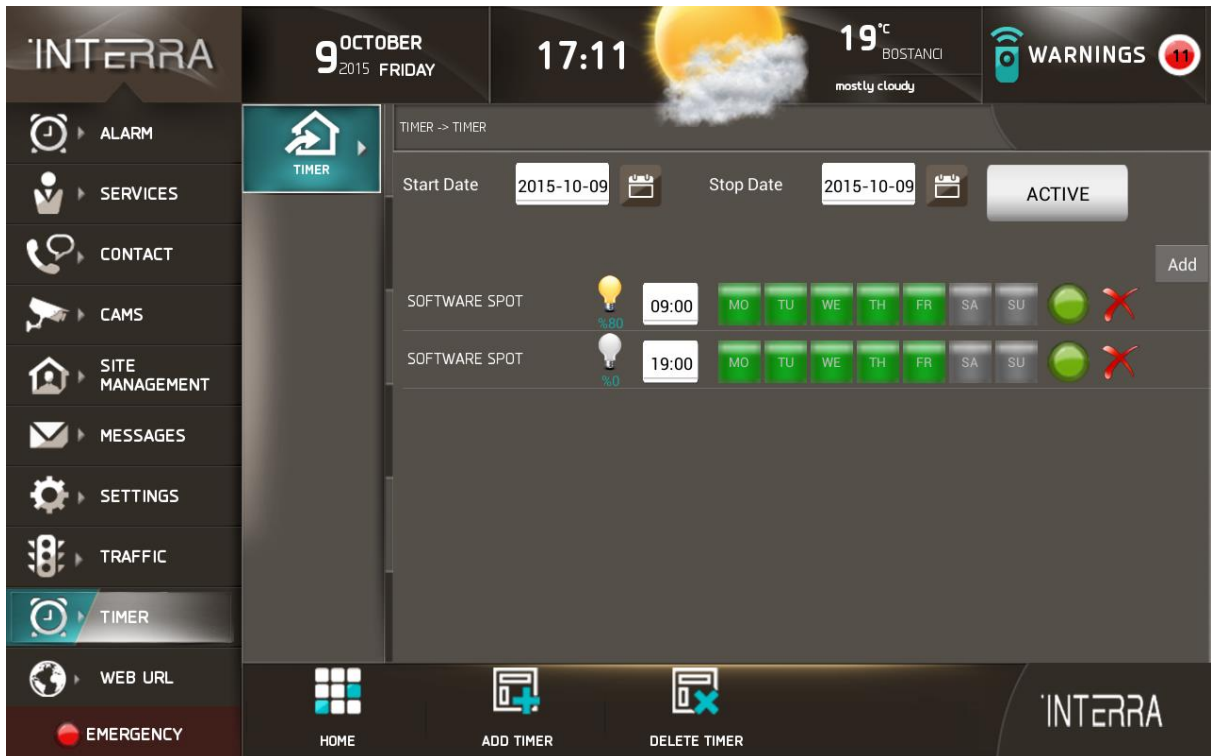


Figure 28. Timer

With **ADD** control, Add Control page is accessed in order to add new transactions into timer group.

### Caution!

- Please make sure that Timer Service is on, in order to make timer control operable.

## 14.1 Timer Control Addition

First of all Control Type and Location are selected in order to add new controls into our Timer Group. After that, lighting, curtain, shutter etc shall be listed for control type within selected location. Desired control is selected from control list and it is recorded with Save button by determining controls such as day, time, status on the right hand side of screen.



Figure 29. Timer Control Addition

### Control Addition Features:

<b>Control Type</b>	: Type of control to be added (Lighting, Curtain, Shutter, General)
<b>Location</b>	: Location of the control to be added
<b>Selected Control</b>	: Name of control selected from list
<b>Days</b>	: Days when control shall run
<b>Time</b>	: Time of the day when control shall run
<b>Status</b>	: Operation to be executed to selected control (On / Off)
<b>Value (%)</b>	: Value in %, if selected control is dimmed lighting

### **Caution!**

- Please pay attention not to add more than one control with same information while adding timer control.



## 15 WEB URL

Interra has 3 web modul for open web url. These moduls name and links can change with Interra Admin Panel. When open a web modul, a full screen dialog will appear and open your link.



Figure 30. Web URL

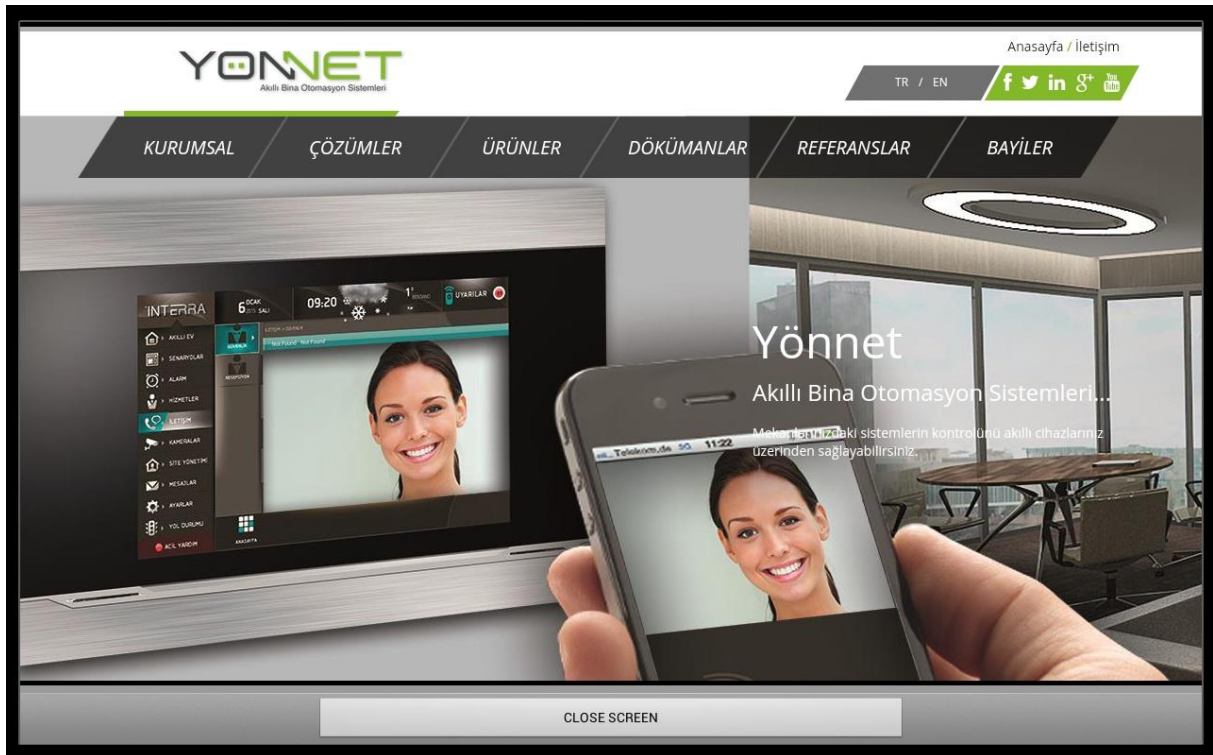


Figure 31. Web URL Screen