



# MIO/WIT MONITOR Enduser MANUAL

**ENGLISH Version**

Cod. 970135lc V07\_19

**This manual corresponds to MIO/WIT Monitor firmware version V02.10.**

FERMAX ELECTRÓNICA S.A.U.

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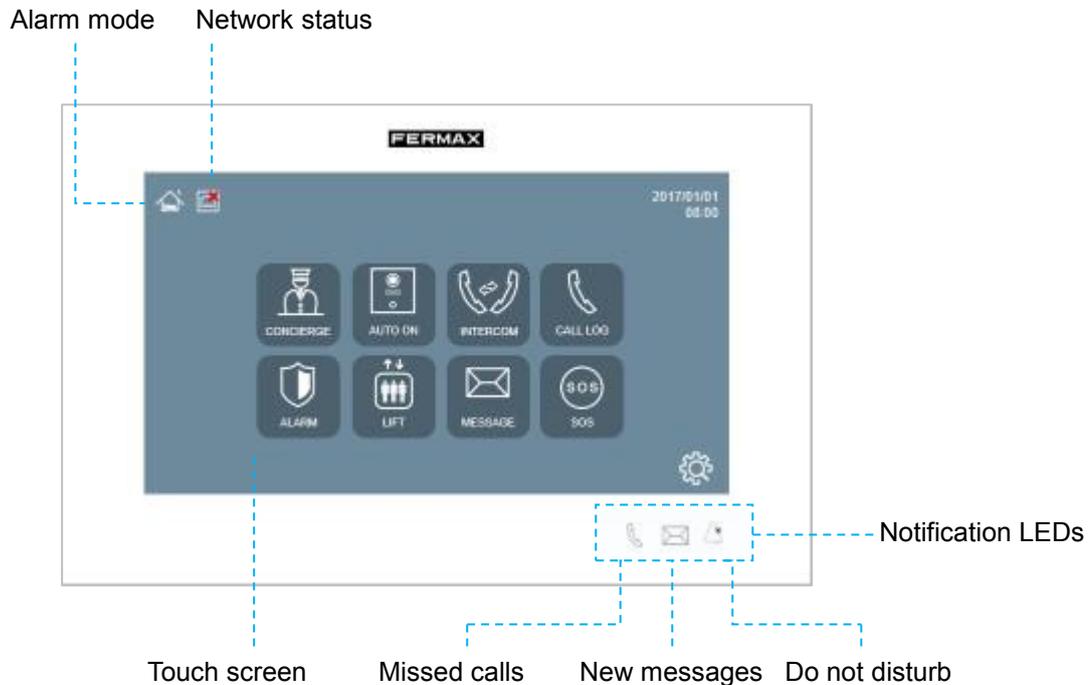
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# 1 Product Introduction

## 1.1 Overview



## 2 Functions Overview

- Call reception and door lock release
- Call to concierge
- Panel auto switch on
- Apartment to apartment intercom
- Messages
- Alarms (Only when installed)
- Lift control (Only when installed)
- Relay Control (Only when installed)
- Scenes control
- APP Applications
- SOS
- Do not disturb
- Ringtone setting
- Screen setting
- Date/Time settings

# 3 Function Introduction

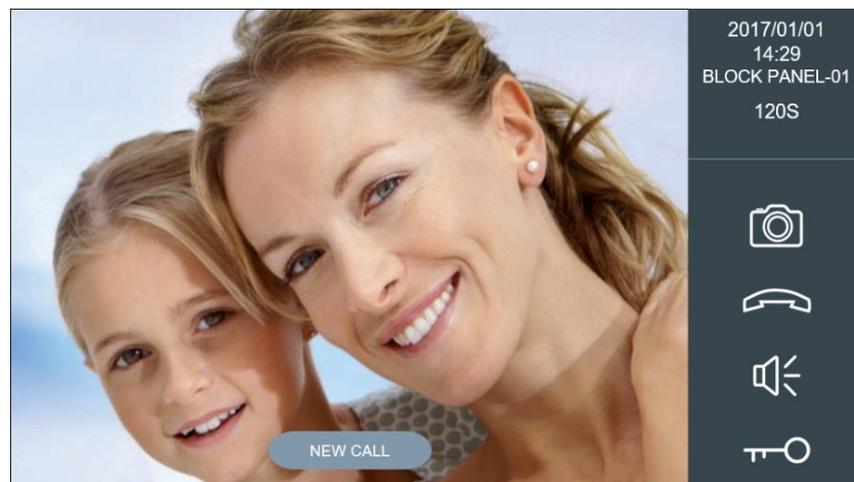
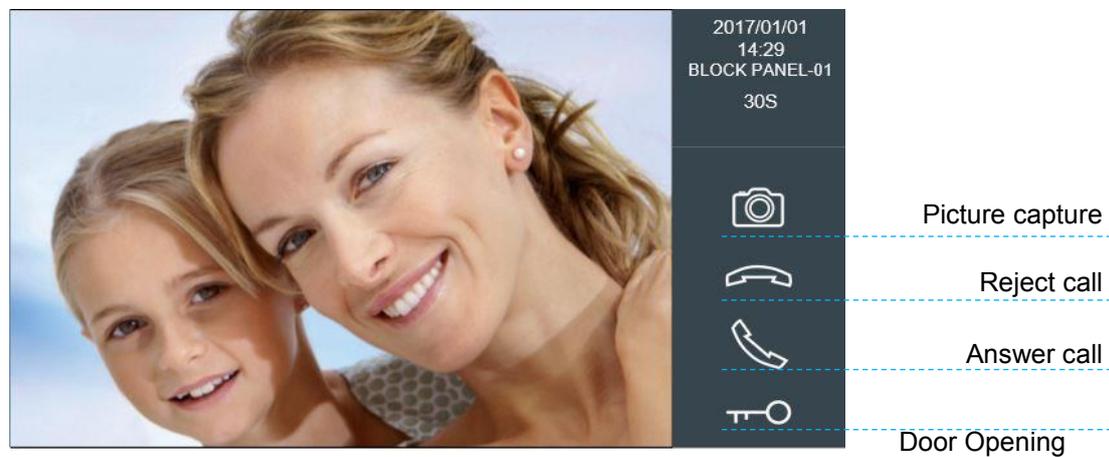
## 3.1 Call Reception And Release lock

Monitor can send or receive calls from:

- Outdoor panels
- Guard Units
- Other apartments in the same installation

The monitor can establish conversation, capture pictures and release door lock when the monitor is connected to the outdoor panel.

**REMARK:** The monitors with same room number can't call each other.



When the monitor is on communication, if it receives a new call from Door bell or an Alarm, a text prompt will be displayed.

### 3.2 Audio setting.

The audio volume can be adjusted with the setting bar. This volume adjustment bar is only available when the audio is active.



You can press up or down volume icon, the volume will be saved automatically.



MUTE: Temporarily turn off the microphone, to prevent an indoor conversation from being heard at the outdoor panel.



### 3.3 Extended Unlock

If extended relays are defined in the monitor, a menu with more unlock options will be displayed after the resident touch release lock icon. The resident can select and activate any of the 4 relays available on the ref.1491 4 Relay module connected to the panel. The number of relays used for extended unlock can be set on monitor's web server setup.



### 3.4 Switching to IP Cameras related to the panel

The monitor can switch the video to an auxiliary IP Camera when the monitor is in conversation with the panel. The number of the IP cameras can be set on web server of the monitor. 0-4 optional.

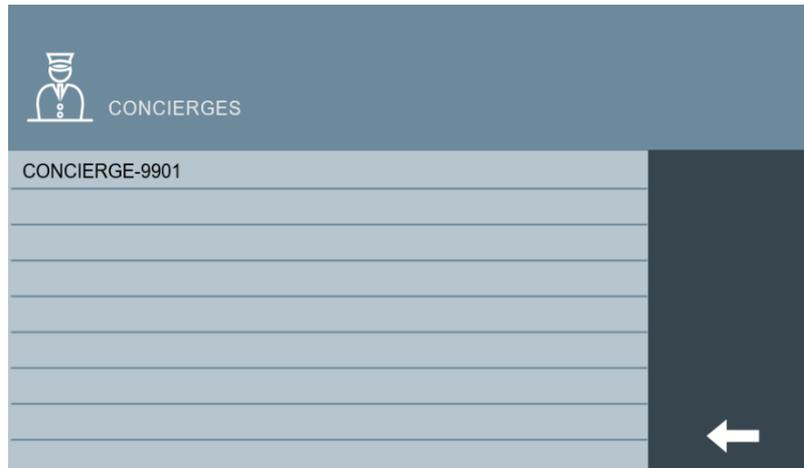
The settings related to the IP cameras (like door lock relationship) need to be setup on the web server of the panel.



### 3.5 Concierge Calls

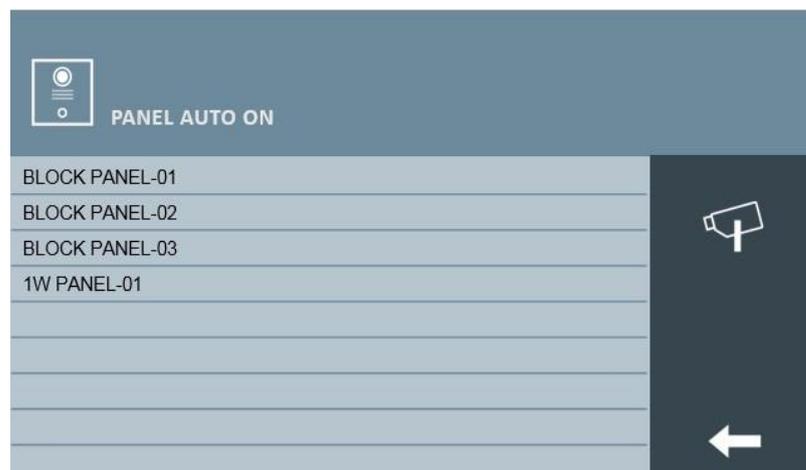
The resident can call to any available concierge by selecting it from the concierge list. Only 9901, 9902, 9903, 9904, 9905 will appear in the list.

If the concierge does not answer, the user can leave a message if this function is enabled on the guard unit.



### 3.6 Panel Auto On

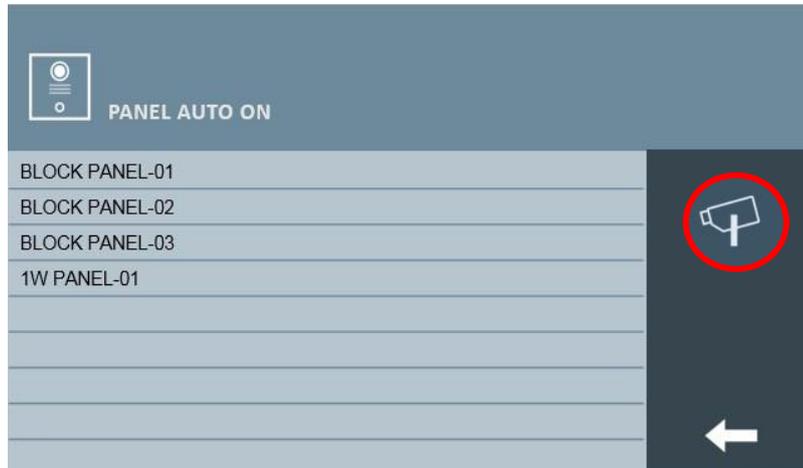
The resident can select any available outdoor panel from the panel list. After auto on, the monitor will receive audio and video from the panel (no audio from monitor to the panel will be sent) . The monitor will send audio to the panel if answer call icon is pressed on the monitor.



**REMARK:** Panel auto on function is available only for block panels and 1W panels. Not available for General entrance panels. Only block panel numbers from 1 to 9 will appear on the list.

### 3.7 Auto On-IP Camera

Touch the **IP Camera** icon.



The name of IP camera will be shown in the IP camera list interface. Maximum of 8 IP cameras can be displayed.

Select the desired camera to display the image. The video of IP camera will close if the panel or guard unit calls to the monitor. The video of IP camera will not close if the door bell is activated.



**REMARK:** The camera still appears in IP camera list even if the IP camera is disconnected from the network. There is no autodiscovery process on IP cameras.

### 3.8 Door release for IP CCTV Camera

The resident can open the door lock related to an specific CCTV camera just pressing the key button. This key button will open the lock associated to each CCTV camera. These locks can be selected from the ref. F01491(4 relay module) connected to panel 1.



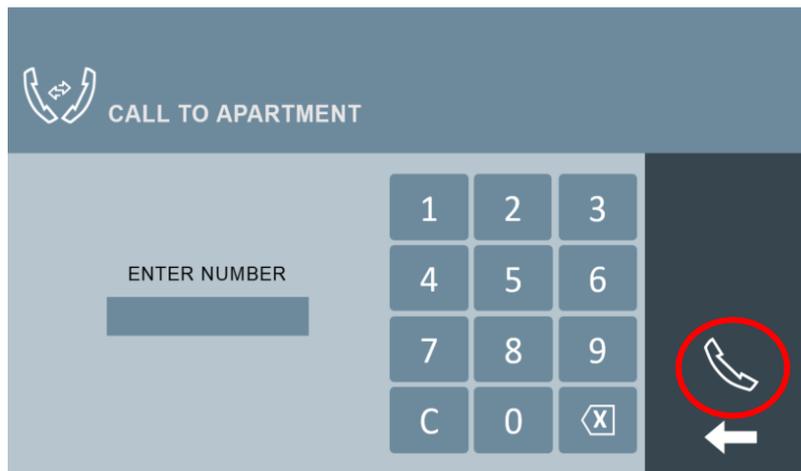
### 3.9 IP Camera activated by Door Bell

The monitor will display the video of a selected IP camera when the doorbell is activated. This function can be set at 'IP Camera' settings on the monitor's web browser.



### 3.10 Intercom

The resident can call to other apartments by dialing the apartment's number.  
To call to other apartment at the same block, only input the apartment number.  
To call to other apartment at others block it should be used the complete monitor number ( block number + apartment number), and click the calling icon. For example, call to block 1 and apartment 0101, input 10101 and press call icon. The system will automatically add "0" in before the block number.



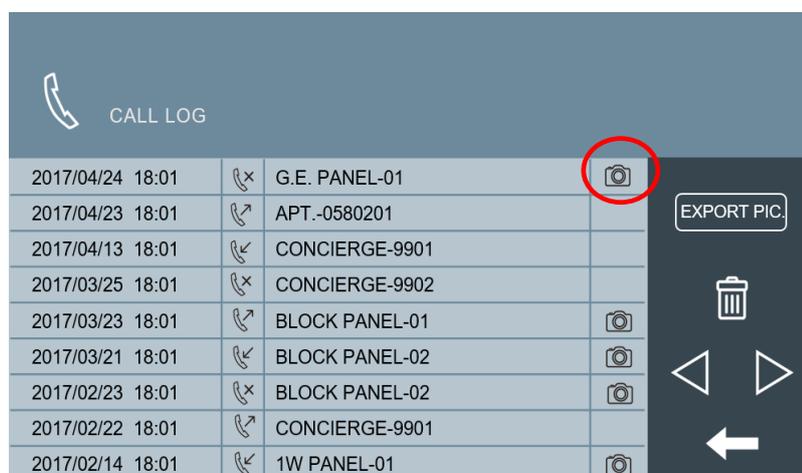
### 3.11 Call Log

If there are events with a camera icon on it, the user will be able to review the photo done during the call by double clicking event.

The image will appear.

Click the export pic. Icon can export photos to Micro SD card.

The user can delete all call logs or one call log.



## 3.12 Alarm

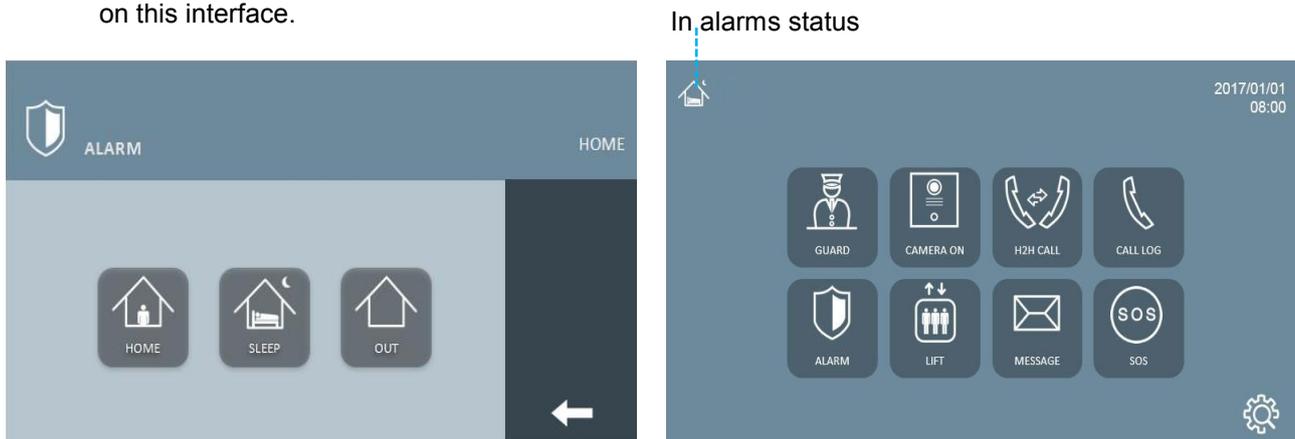
### ■ Alarms (Only when installed)

Home mode: sensors set to be active under home mode will be armed.

Sleep mode: sensors set to be active under sleep mode will be armed.

Out mode: sensors set to be active under out mode will be armed.

The resident can change the mode of the alarm by simply clicking on the mode icons available on this interface.



Out mode is the highest security mode followed by Sleep mode and Home mode respectively. To change from a higher level to lower level, the resident will be requested to enter a disarm pincode.



### **REMARK:**

Default factory user pincode is 1234, distress pincode is 4321.

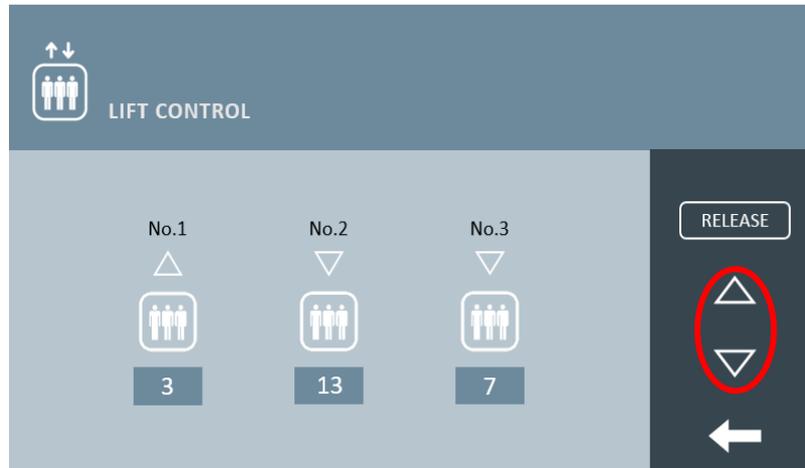
In case the resident is forced to deactivate the alarms against his willingness, he can enter the distress pincode which deactivates the alarm but sends a distress alarm to the Guard Unit at the same time.

### 3.13 Lift Control

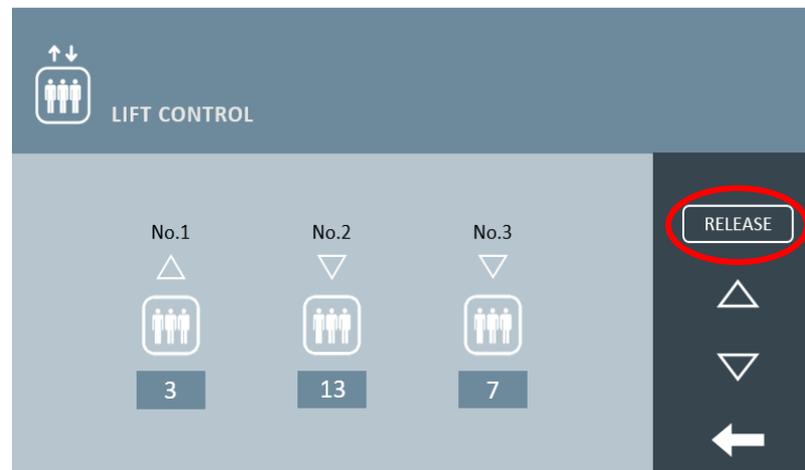
#### ■ Lift Control (Only when installed)

The resident can call the lift through touch **UP** or **DOWN** icon when the resident plan to leave home, the elevator will arrive to resident's floor.

The monitor can show state of elevators if MEET system captures data from elevator (high level lift control integration is required)



The resident can authorize the lift floor through touch **RELEASE** icon. This is used when a neighbour in the same block wants to visit the apartment after calling through intercom and pressing **RELEASE** icon after the conversation ends.

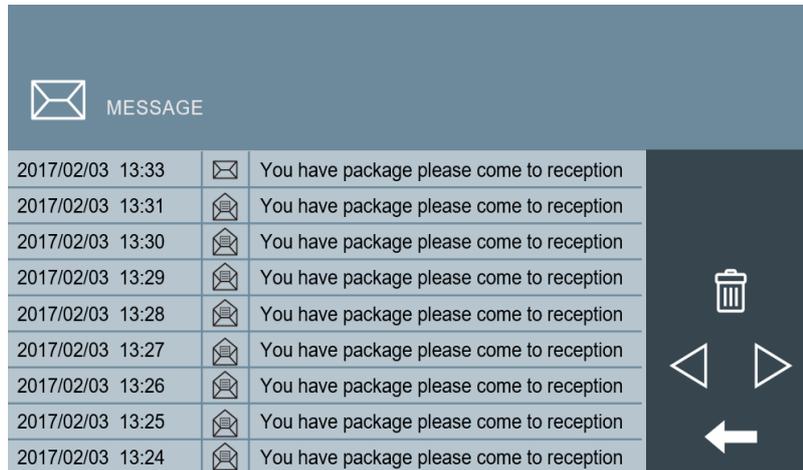


**REMARK:** Please see manual of MEET LIFT CONTROL GATEWAY if you want to know more information about lift control.

### 3.14 Message

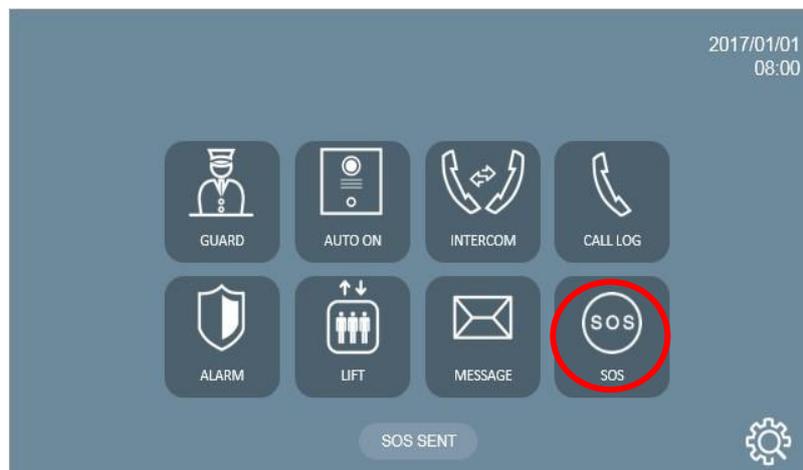
The notification LED will light up and notification sound will be sent when a new message is received. The LED will off after the resident reads all new messages, the resident can delete messages in the message list.

The user can delete all messages.



### 3.15 SOS

Touch the SOS button and hold it for 3 seconds. The monitor displays a message indicating SOS SENT, the Guard Unit and management software will receive SOS alarm.



To enable SOS function,

**“INSTALLER SETTINGS” – “ALARM SETTING”** Only one zone acts as SOS in SENSOR column.

ZONE	TYPE	SENSOR	INPUT	DELAY
1	IMMEDIATE	SOS	NC	0S
2	IMMEDIATE	PANIC	NC	0S
3	IMMEDIATE	PANIC	NC	0S
4	IMMEDIATE	PANIC	NC	0S
5	IMMEDIATE	PANIC	NC	0S
6	IMMEDIATE	PANIC	NC	0S
7	IMMEDIATE	PANIC	NC	0S
8	IMMEDIATE	TAMPER	NC	0S

### 3.16 Actuators

Click on R1- R8, The monitor will activate corresponding relay, The RS485 port will send command data, The monitor displays a message indicating r(#) is activated, R1- R8 can be set at 'RELAY CONTROL' web of the monitor.

**REMARK:** F01616 (10 relay module) connect the RS485 port of the monitor, The address of module address must be set to 1).

RELAY	DESCRIPTION
R1	RELAY 1
R2	RELAY 2
R3	RELAY 3
R4	RELAY 4
R5	RELAY 5
R6	RELAY 6
R7	RELAY 7
R8	RELAY 8

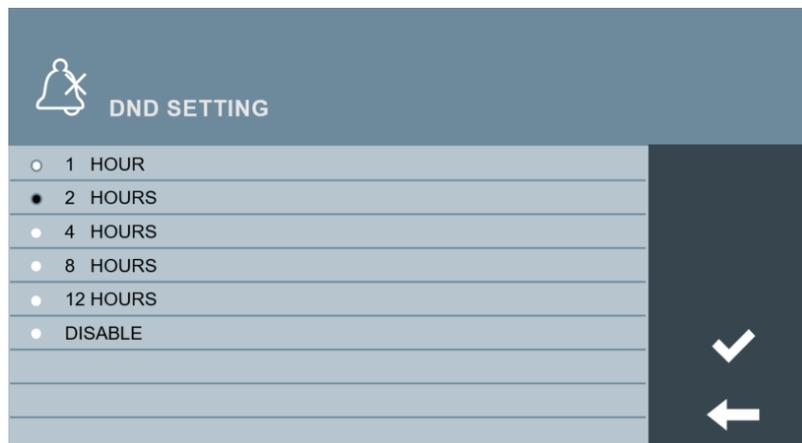
### 3.17 Scenes Control

The resident can set four different preset scenarios by clicking on the respective icon. Hi level integration is required through RS-485.



### 3.18 Do Not Disturb

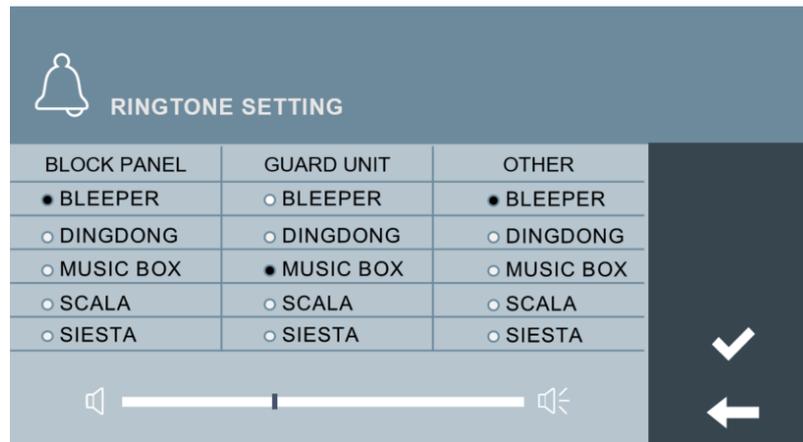
Do not disturb function will make any call received to be silent. Only the screen will lit when a call is received. It can be activated for given periods of time, after which the monitor will return to normal mode. The notification LED is on when do not disturb is enabled.



### 3.19 Ringtone Setting

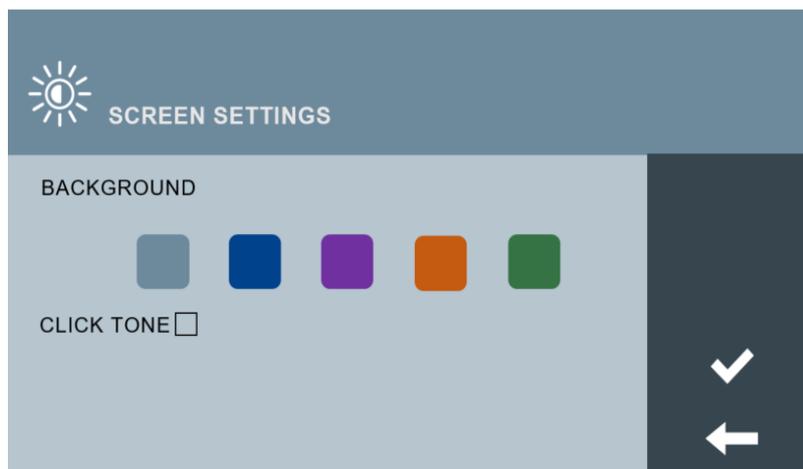
The resident can select an independent ringtone for the 3 different call sources and its volume by the ringtone settings menu.

**REMARK:** 5 ringtones choices are available. OTHER is used for 1W panel and general entrance panel. Doorbell input will always trigger DING DONG sound.



### 3.20 Screen Setting

The resident can select the background screen color and activate the touch screen click tone on the screen setting menu.



## 3.21 Language Setting

The resident can select language by the language setting menu. ( available languages depend on the FW version).



## 3.22 Date/Time Setting

If the projet has MEET Management Software, the monitor time is synchronized with the one in the PC that is connected to the same local network. This sychronization is not automatic, so it will take about 5 minutes to take effect. Even date and time that is displayed in the monitor comes from the PC, the monitor takes into account the parameters of GMT and DST set in the monitor.

If the projet does not have MEET Management Software, the date and time displayed in the monitor will be the one set at TIME SETTINGS parameter. **Do not use the parameter TIME ZONE in this case.**

If the monitor is connected to internet and there is not mangement software, date and time in the monitor are automatically sincronized with internet.

### **REMARKS:**

Date and time will be lost after a power failure or reset in the monitor, but date format and DST will be kept.

DST check box forwards the time in one hour. This change is not automatic.

**After a reset or a power failure in the monitor, wait for 2 minutes at least before program any change in date and time parameters.**

DATE/TIME SETTING			
DATE SETTING			
FORMAT	<input checked="" type="radio"/> DD/MM/YYYY	<input type="radio"/> MM/DD/YYYY	<input type="radio"/> YYYY/MM/DD
DATE	01	01	2018
TIME SETTING			
TIME	00	00	00
TIME ZONE			
	GMT+01:00	DST	<input type="checkbox"/>

### 3.23 Alarm Pincode Setting

The resident can modify the alarm pincode and distress pincode by the alarm pincode setting menu.

ALARM PIN			
ALARM PIN <input checked="" type="checkbox"/>			
CURRENT PIN			
NEW PIN			
CONFIRM PIN			
DISTRESS PIN <input type="checkbox"/>			
CURRENT PIN			
NEW PIN			
CONFIRM PIN			

**REMARK:** Default alarm pincode is 1234 and distress pincode is 4321.

## 3.24 About

You can get the following information: device name, firmware version, device, MAC address, IP address about the monitor.



## 3.25 Technical Parameters

### Dimensions

MIO 7" monitor(mm): 210(W)×130(H)×20(D)

WIT 7" monitor(mm): 211(W)×132(H)×20(D)

MIO 10" monitor(mm): 270(W)×168(H)×20(D)

WIT 10" monitor(mm): 270(W)×168(H)×20(D)

Power supply: 12Vdc

- 7"monitor standby current 200mA, Working current 500mA
- 10"monitor standby current 200mA, Working current 600mA

Resolution: 1024\*600

Touch Screen: Capacitive technology

Maximum conversation time: 120s

Maximum record time: 30s

Maximum IP cameras: 8

Block: 001-999

Apartment: 0001-9899

Monitor: 0-9

Operating temperature: -10~55°C

Relative humidity: 20-85%, without condensation.