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Technical support



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Shan

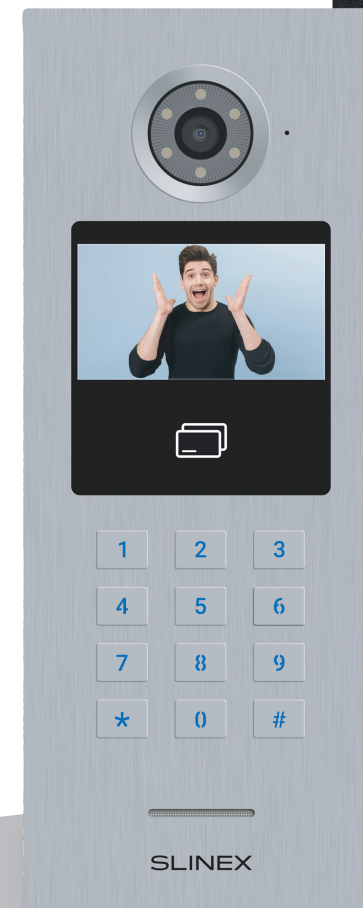
IP outdoor panel



1080P
(2 MP)



Mifare



User manual

SLINEX

Attention:



As a result of continuous upgrades and functionality improvements, technical characteristics of the device can be changed without any preliminary declaration. This manual can contain some inaccuracy or misprint. The owner reserves the right to make corrections to the information described in the user manual and device package. The last revision of this manual is available on www.slinex.com

Safety instructions

Please read and keep that manual.
The device installation process should be carried out by the qualified specialists.
Use the device from the -40 °C to +50 °C (-40 °F to 122 °F), always keep it within that temperature range.
Installation surface should be free from vibration and impact influence.
Keep this device far from open sources of heat, such as radiators, heaters, and ovens.
The device can be installed near other electronic equipment in case if the temperature of the environment does not exceed previously mentioned range.
The device should be protected from the direct influence of the natural phenomena, such as direct sunlight, rain or snow.
Don't use aggressive or abradant detergent for the device surface cleaning.
Use soft wet cloth or tissues to remove strong dirt.

Nature protection



Don't throw away the device with other industrial or nutritive trash if you see that symbol. Some regions have separation and recycling systems for the electronic equipment. Connect with local authorities to receive information about recycling of electronic equipment for your region.

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1. Package

Shan IP outdoor panel – 1 pc.
 Flush mount installation box – 1 pc.
 Connection wires kit – 1 pkg.

Wireless IC keys – 2 pcs.
 Mounting screws and anchors – 1 pkg.
 User manual – 1 pc.

2. Specification

CAMERA
 1/3" CMOS, 1920×1080 px.
 with mechanical IR cut filter

SCREEN
 4.3", 480×272 px. color IPS

VIDEO OUTPUT
 H.264 high profile

VIEW ANGLE
 140°

LOCK RELAY CONTINUOUS CURRENT
 3 A

BACKLIGHT TYPE
 Infra-red, 1.5 m. distance

POWER
 PoE or +15 V, 2A power adapter

WIRELESS CARDS
 Mifare

MOUNTING TYPE
 Flush mount

WORKING TEMPERATURE
 -40 ... +50 °C (-40... +122 °F)



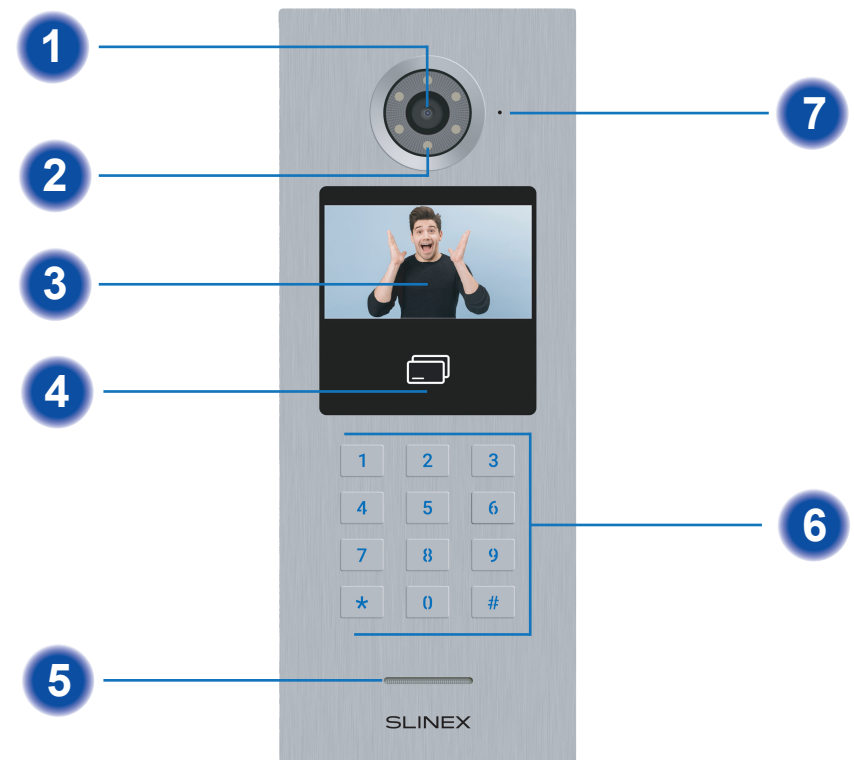
INTERFACES

RJ-45
 RS-485
 Tamper alarm
 Human body sensor
 Mifare card reader
 Exit button interface
 Lock interface (NO/COM/NC)

UNIT / INSTALLATION BOX DIMENSIONS

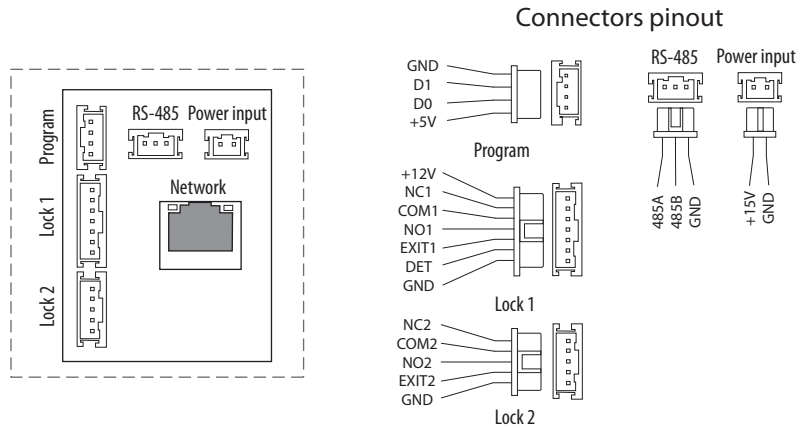
365×140×43 mm /
 348×128×40 mm

3. Description



- 1 Video camera
- 2 Night backlight
- 3 Screen
- 4 Wireless IC card reader
- 5 Speaker
- 6 Keyboard
- 7 Microphone

4. Connectors



5. Wiring diagrams

Diagram 1. Mechanical lock connection

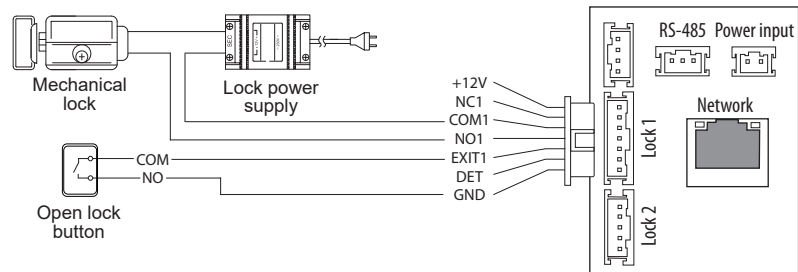


Diagram 2. Electromagnetic lock connection

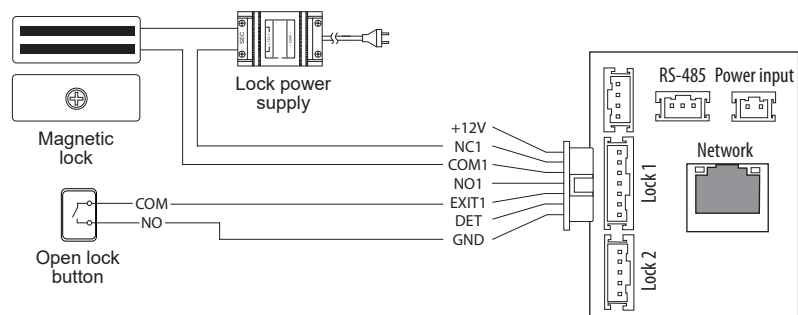


Diagram 3. Mechanical lock connection using outdoor panel power supply

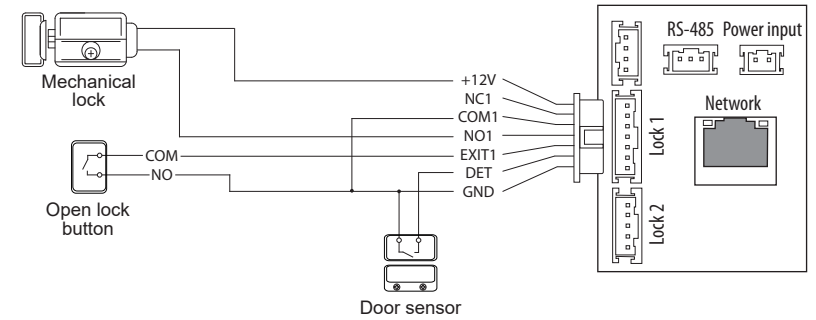
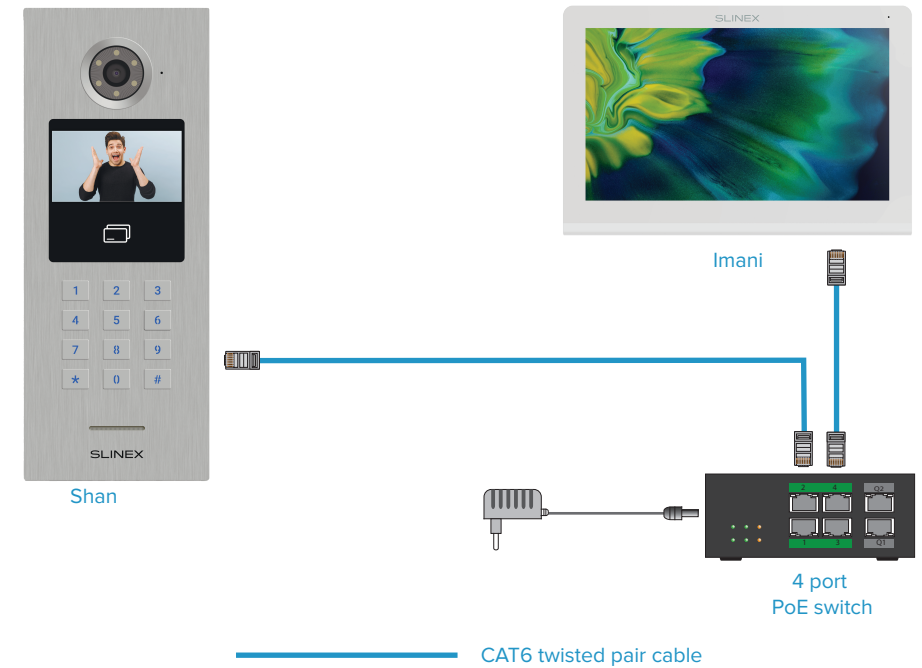
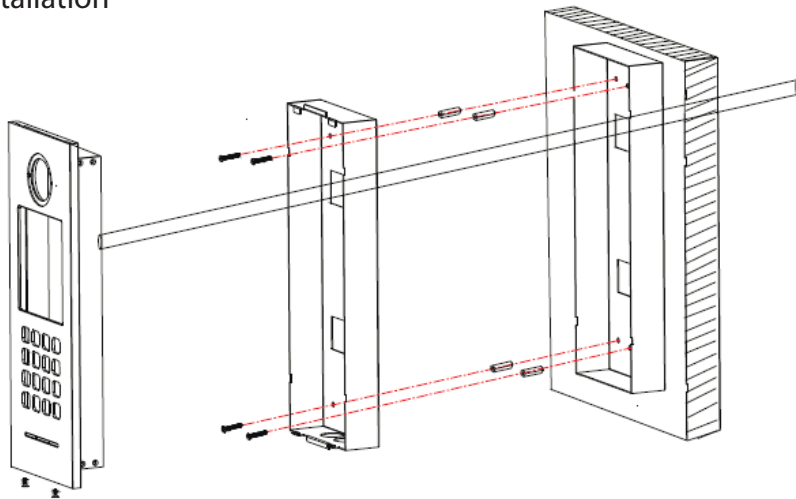


Diagram 4. Outdoor panel and monitor network connection



6. Installation



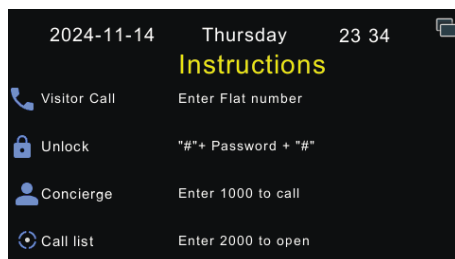
Outdoor panel flush mount steps:

- 1) Prepare the hollow inside the wall according to the sizes mentioned on the 3rd page of the manual, 150-160 cm up from the floor line;
- 2) Mount flush mounting box into the hollow and fix it using screws and nuts from the kit;
- 3) Connect all communication wires and insert the door panel inside the flush mounting box. Then fix it with two screws from the bottom side.

7. Operation

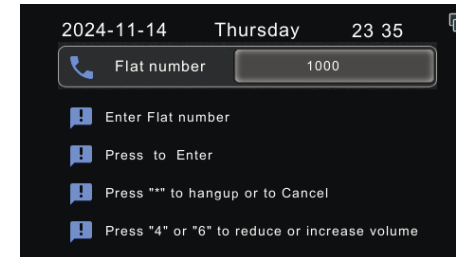
7.1. Main screen

In standby mode press any key on the outdoor panel keyboard to enter main screen. It has date and time display, network status, visitor call menu, password unlocking menu and user instructions on the bottom.



7.2. Incoming calls

On the main screen input room number on the keyboard. Room number can have three or four digits. For example input 101 and wait for 3 seconds to start call or input 0101 to start call immediately.



In case of using the outdoor panel as an entrance station user needs to enter the complete owner's room number information. For example, enter 0102010401 to initiate the call to the zone 1, building 2, unit 1, room 401.

Input 1000 on the outdoor panel keyboard to call concierge. If the concierge unit doesn't installed or doesn't answer then the call transfers to the management center.

Press * to delete the last entered digit or hang up while talking.

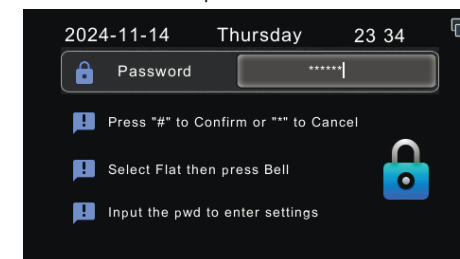
During conversation press \"4\" key to decrease the volume or \"6\" key to increase the volume. Press \"0\" key to extend conversation time up to 60 seconds.

Status bar indicators:

- Yellow circle – Calling. Outdoor station is now calling an indoor monitor or concierge;
- Red circle – Busy. Indoor monitor/concierge is busy at the moment;
- Green circle – Talking. Conversation is in progress.

7.3. Password unlock

Public password unlock. This type of unlock is disabled by default and need to be enabled through the system menu. On the main screen press \"#\" then enter public password and press \"#\" again to unlock. At the same time the snapshot from the outdoor panel camera will be sent to the management center.



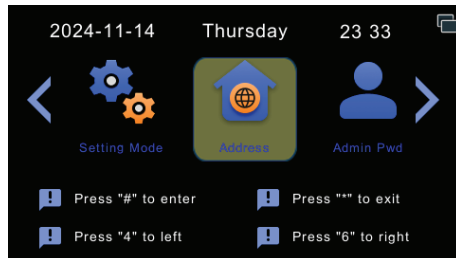
Hostage password unlock. Hostage password is an inverted public password, it is created automatically while registering public or user password. For example if public password is 123456 then hostage password is 654321. When visitor uses hostage password to unlock the outdoor station, it will report to the management center and inform SOS.

User password unlock. This type of unlock is disabled by default and need to be enabled through the monitor menu. On the main screen press "*" then enter room number, press "#", enter user password and press "#" again to unlock. For example user password of room 101 is 123456. Input *101#123456# to unlock.

8. System settings

8.1. Menu navigation

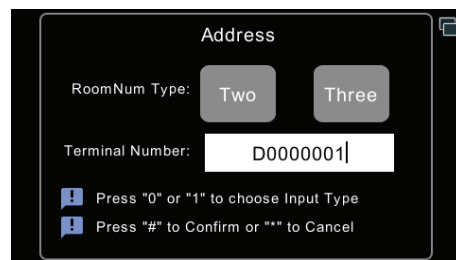
On the main screen input "*" + 6 digits administrator password + "#" to enter system settings (default administrator password is 666666). Press "*" to delete the last digit or get back to the previous menu. Press "#" to enter current menu or confirm your choice. Press "4" or "6" button to navigate left or right through the system menu.



8.2. Address setting

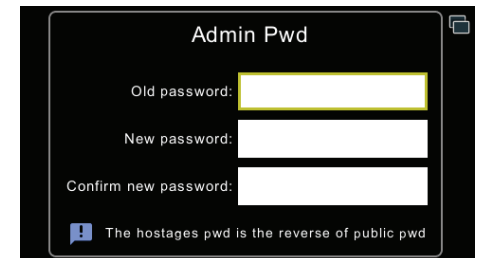
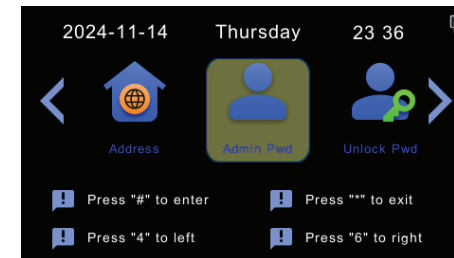
Room number consists of 13 digits. First digit is the outdoor panel mode (value 1 means the unit outdoor station mode and 7 means entrance station mode). Mode (1 digit) + district (2 digits) + building (2 digits) + unit (2 digits) + floor (2 digits) + room (2 digits) + extension (2 digits).

Press "*" to delete the digits or "#" to complete address input.



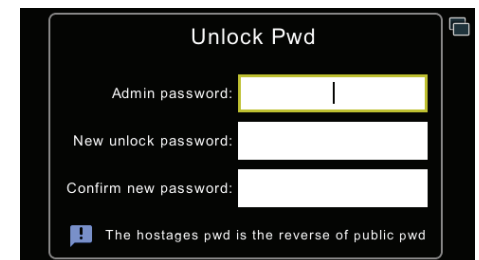
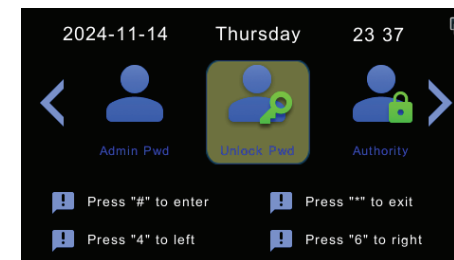
8.3. Administrator password setting

On the main screen enter system settings by pressing "*" + 6 digits administrator password + "#" then navigate to the "Admin Pwd" menu using keypad and press "#" to enter. Input old administrator password then input new administrator password two times and press "#" to update administrator password. Default administrator password is 666666.



8.4. Unlock password setting

On the main screen enter system settings by pressing "*" + 6 digits administrator password + "#" then navigate to the "Unlock Pwd" menu using keypad and press "#" to enter. Input administrator password and then input new public unlock password two times and press "#" to update it. Default public unlock password is 012345. Default hostage password is 543210.



Notes:

User can't use mirror equal passwords (passwords like 666666 or 123321) for public unlock function because in this case panel can't create inverted hostage password.

8.5. Unlock password authorization

Unlock password is disabled by default. To enable public unlock password function on the main screen enter system settings by pressing "*" + 6 digits administrator password + "#" then navigate to the

"Authority" menu using keypad and press "#" to enter. Press "1" to enable public unlock password or "0" to disable public unlock password, then press "#" to confirm.



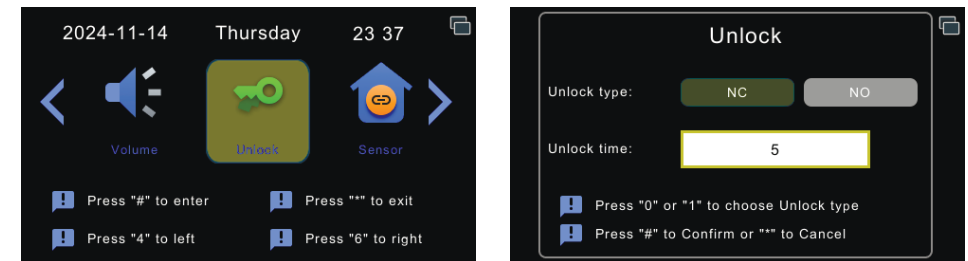
8.6. Volume setting

On the main screen enter system settings by pressing "#" + 6 digits administrator password + "#" then navigate to the "Volume" menu using keypad and press "#" to enter. Press "0" to set advertisement volume or press "1" to set ringtone volume. Press "4" or "6" button to decrease or increase the current volume, then press "#" to confirm.



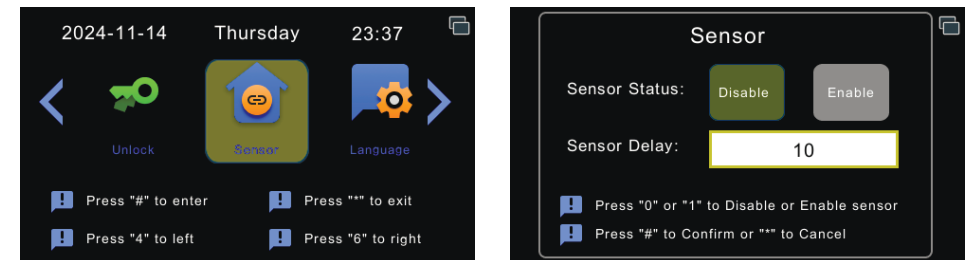
8.7. Unlock setting

On the main screen enter system settings by pressing "#" + 6 digits administrator password + "#" then navigate to the "Unlock" menu using keypad and press "#" to enter. Press "0" to set "NC" or press "1" to set "NO" depending on the type connected lock. Press "#" to set unlocking time from 1 to 150 seconds, then press "#" to confirm.



8.8. Sensor setting

On the main screen enter system settings by pressing "#" + 6 digits administrator password + "#" then navigate to the "Sensor" menu using keypad and press "#" to enter. Press "0" to disable or press "1" to enable human sensor in front of the panel. Press "#" to set sensor delay in seconds, then press "#" to confirm.



8.9. Language setting

On the main screen enter system settings by pressing "#" + 6 digits administrator password + "#" then navigate to the "Language" menu using keypad and press "#" to enter. Press "4" or "6" button to choose the menu language, then press "#" to confirm.



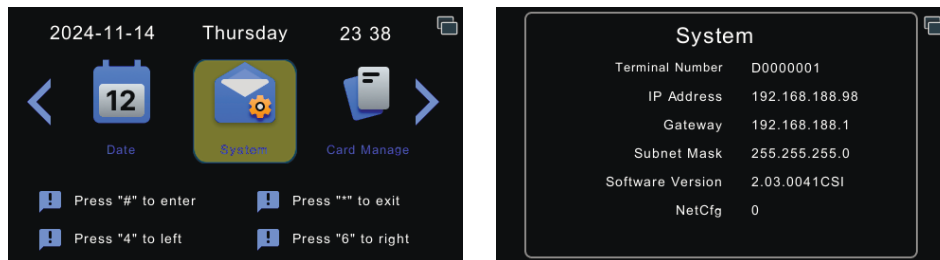
8.10. Date setting

On the main screen enter system settings by pressing “#” + 6 digits administrator password + “#” then navigate to the “Date” menu using keypad and press “#” to enter. Press “4” or “6” button to navigate the date settings, then press “#” to confirm. Note that the current date and time is synchronizing with management center automatically.



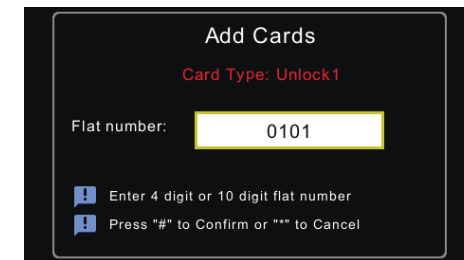
8.11. System information

On the main screen enter system settings by pressing “#” + 6 digits administrator password + “#” then navigate to the “System” menu using keypad and press “#” to enter system information menu. Here you can find such information as terminal number, device IP address, gateway IP address, subnet mask, device software version and network configuration mode. Press “*” to exit.



8.12. Wireless cards management

On the main screen enter system settings by pressing “#” + 6 digits administrator password + “#” then navigate to the “Card manage” menu using keypad and press “#” to enter. Press “0” to add new card. Enter room number to add new card. For example enter 0101 in apartment mode or 0102010101 (area 01 + building 02 + unit 01 + flat 0101) in outdoor station mode, then press “#” to confirm. Slide the wireless card near the outdoor panel card reader and press “#” to finalize adding process.



Press “1” to delete existing cards or press “*” to exit card management menu. Press “0” to delete card using its serial number, press “1” to delete card using room number or press “2” to delete all local cards, then press “#” to confirm.

“0” + “#” + enter IC card number to delete. If the card with this number exists then message shows “Deleted successfully”;

“1” + “#” + enter flat number (four digits for apartment mode or 10 digits for outdoor station mode). All cards connected to the entered flat will be deleted;

“2” + “#” + “#” to confirm deleting all local cards stored in the outdoor panel's memory.

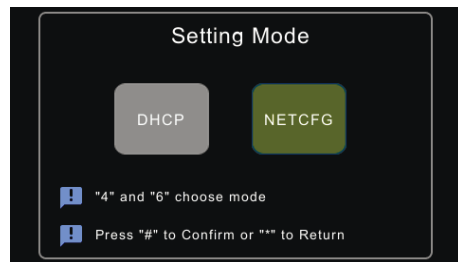


8.13. Restore factory default settings

On the main screen enter system settings by pressing “#” + 6 digits administrator password + “#” then navigate to the “Restore” menu using keypad and press “#” to enter. Press “#” again to confirm restore factory default settings.

8.14. Switching between DHCP mode and configuration table mode

On the main screen enter system settings by pressing “#” + 6 digits administrator password + “#” then navigate to the “Setting mode” menu using keypad and press “#” to enter. Press “4” or “6” button to choose DHCP or NETCFG mode, then press “#” to confirm.



9. Limited warranty

Manufacturer guarantees product normal functioning during the warranty period if the user keeps all safety instructions described in that manual.

Warranty period is 12 months from the moment of the product purchasing (warranty period could be extended up to 24 months or more, depending on the local regulations).

Warranty period allows user to make guarantee repair in cases when normal functioning of the product was violated by the fault of manufacturer and the user has not offend transporting, installation and working conditions.

This limited warranty does not cover any damage to the product that results from improper installation, accident, abuse, misuse, natural disaster, insufficient or excessive electrical supply, abnormal mechanical or environmental conditions, or any unauthorized disassembly, repair or modification.

Warranty void in such cases:

- the product was damaged by the fault of the customer;
- the product wasn't properly installed according recommendations from the manual;
- the sticker on the backside of the product was broken;
- the product was not used for its intended function.

This limited warranty covers only repair, replacement, refund or credit for defective products, as provided above. Manufacturer is not liable for, and does not cover under warranty, any damages or losses of any kind whatsoever resulting from loss of, damage to, or corruption of, content or data or any costs associated with determining the source of system problems or removing, servicing or installing products. This warranty excludes third party software, connected equipment or stored data. Manufacturer is therefore not liable for any losses or damage attributable to third party software, connected equipment or stored data.

In the event a product has been discontinued, manufacturer shall either repair the product, offer to replace it with a comparable product or provide a refund at the lesser of the purchase price or the product's current value.

Repaired or replacement products will continue to be covered by this limited warranty for the remainder of the original warranty term.