

# LEELLEN

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## Technology For Life

### Model 8 Outdoor Unit

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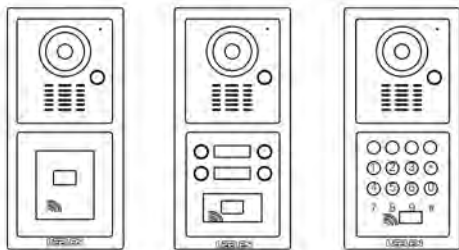
The product shall be subject to the actual equipment

User's Manual V1.0

RP.M08.ZC-SM.002

## I. External view of equipment

### 1 Front view

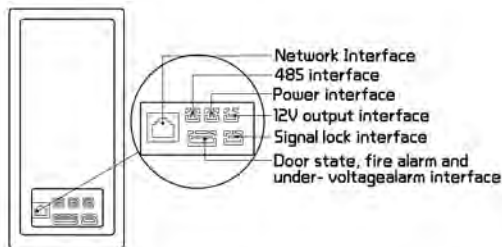


Single-family villa outdoor unit

Multi-family villa outdoor unit

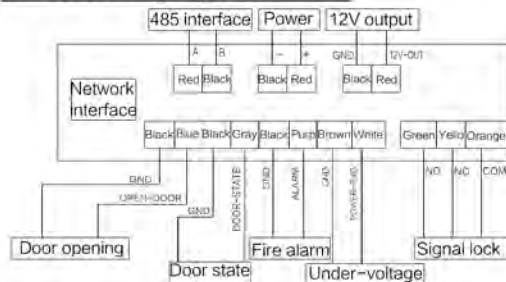
Coded outdoor unit

### 2 Back view



[1]

## II. Product wiring diagram

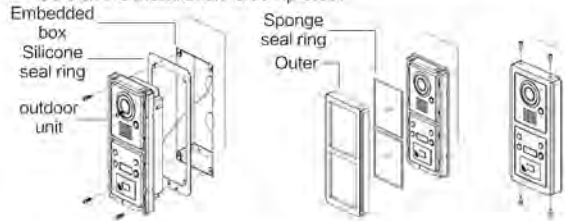


Note: When 12V power is connected to the outdoor unit, the "12V output" interface of the outdoor unit will have no voltage output; when 18V or 24V power is connected to the outdoor unit, the "12V output" interface of the outdoor unit has a 12V voltage output and the maximum output current of the interface is 750mA.

## III. Installation diagram

### 1 Installation steps

1. After the outdoor unit wiring is completed, secure the outdoor unit and the silicone seal ring to the embedded box with the screws;
2. Install the sponge seal ring on the front surface frame of the outdoor unit;
3. Cover the outer frame and lock the outer frame with the screws, so that the installation is completed.



[2]

## ② Installation Precautions

- The outdoor unit shall not be installed in the sun exposure, rain, high temperature, snow/frost, too much dust or strong magnetic field environment.
- The outdoor unit camera shall avoid direct sunlight to prevent poor image quality.
- When the outdoor unit is installed, it is recommended that the camera be about 145cm from the ground.
- The lighting at night shall be taken into account during the installation of the outdoor unit.
- The outdoor unit shall not be installed in the place where the background noise is more than 70dB.

## IV. Technical Parameters

- External dimensions: 120 × 240 × 58mm
- Operating Voltage: 12–24VDC ± 10%
- Maximum power consumption: ≤6W
- Static power consumption: ≤3W
- Operating temperature range: –40°C – +70°C
- Waterproof and dustproof class: IP54
- Card Type: IC card
- Card capacity: 30 000

## V. Functional characteristics

- It is made of aluminum die-casting panel, and has the explosion-proofing function.
- It has the night light capturing function.
- It is equipped with a safety professional camera, has a video image pre-processing function and has a better image quality
- Built-in IC card reader.
- Support the equipment displacement alarm.

## VI. Product introductions

### ① Video intercom and message

The visitor can press the key corresponding to the resident to be called to call the resident for video intercom. The unlocking operation can be implemented after the resident answers the intercom. If the resident does not answer, the visitor can leave audio and video messages according to the outdoor unit voice prompts.

The visitor can enter the resident number to call the corresponding resident for video intercom. The unlocking operation can be implemented after the resident answers the intercom. If the resident does not answer, the visitor can leave audio and video messages according to the outdoor unit voice prompts.

Note: The audio and video message operation requires the indoor unit to be called having the message leaving function.

### ② IC card reader

The user can swipe the card in the card swiping part of the outdoor unit with the registered IC card so that the outdoor unit will open the door and send the relevant card swiping information to the property center.

### ③ Exit button

The user can press the exit button connected to the outdoor unit so that the outdoor unit will open the door and send the relevant information to the property center.

### ④ Unlocking with a password

If the coded outdoor unit enables the password unlocking function, the resident can input password to unlock the door by pressing [\*] + [apartment number] + [\*] + [6-digit password] on the keyboard of the outdoor unit. Where [apartment number] is the number required to be input when calling a resident.

If the user inputs [\*] + [apartment number] + [\*] + [9] + [6-digit number], the outdoor unit will also open the door, but send the holding unlocking alarm information to the property center at the same time.

**5** Description of door state monitoring and door opening overtime alarm

The outdoor unit can automatically detect the state of the connected door magnetic probe and send the door opening/closing state information and door opening overtime alarm information to the management center.

**6** Description of the parameter setting operations

Setting item	Operating instructions
Enter the parameter setting	1. In case the outdoor unit is powered on, press the setting button on the back of the outdoor unit to enter the parameter setting.
	2. The user can enter the parameter setting by swiping the card in the outdoor unit with the user management card.
	3. You can press [* 90 *] + [4-digit password] + [*] on the keyboard of the coded outdoor unit to enter the parameter setting (the default password is 1234, which can be changed by configuring the software).
Exit the parameter setting	1. During the parameter setting, the system automatically exits the parameter setting by switching to the [Exit Outdoor Unit Setting] through the function switching.
	2. During the parameter setting, if the user does not operate for more than 8 seconds, the system will automatically exit the parameter setting.
	3. During the parameter setting, if the user swipes the management card, the system will directly exit the parameter setting.

Setting item	Operating instructions
switch button	The only button as call resident button (single-family type) or call guard center button (multi-family type)

**7** Description of the parameter setting item

Function	Option	Description
User card registration	● ■	In this function, the user swipes the card to be registered at the reader, and the system prompts [the card has been registered successfully] to complete the user card registration operation. Note: At most 20 cards can be registered per household.
Registration of user management card (Villa Type)	● ■	In this function, the user swipes the card registered at the reader, and the system prompts [the card has been registered successfully] to complete the registration of the user management card. Note: A user management card can be registered per household of the villa type.
Registration of property card (coding type)	●	In this function, the user swipes the card to be registered at the reader, and the system prompts [the card has been registered successfully] to complete the registration of the property card.
Cancellation of all cards	● ■	In this function, when the outdoor unit gives a voice prompt [please press and hold the call key for confirmation], press and hold the call key to complete the operation of canceling all cards.

Function	Option	Description
Re-set to factory defaults		When the outdoor unit gives a voice prompt [Please press and hold the call key] to complete the operation of re-setting to factory defaults.
Language switching		In this function, the user presses and holds the [Call] button on the host, and the host prompts to switch between the English prompt and the Chinese prompt.
IP address		In this function, the host will broadcast the IP address of the machine in a voice way (the initial address of the machine is 192.168.1.8)

Note: indicates entering the parameter setting function through the setting button on the back of the equipment.  
indicates entering the parameter setting function in the mode of swiping the user management card.

## VII Restricted substances

Part Name	Toxic and hazardous substances or elements					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr6+)	Polybrominated biphenyl (PBB)	Polybrominated diphenylether (PBDE)
Metal part	O	O	O	O	O	O
Plastic part	O	O	O	O	O	O
CRT display screen	X	O	O	O	O	O
LCD screen	O	O	O	O	O	O
Circuit board component *	X	O	O	O	O	O
Power cord/cable	X	O	O	O	O	O
Power/adapter	X	O	O	O	O	O
Packaging	O	O	O	O	O	O

This form was prepared in accordance with SJ/T 11364

\*: Circuit board components include a printed circuit board and its components, such as resistors, capacitors, integrated circuits, etc.;

O: It indicates that the contents of the hazardous substance in all homogeneous materials of the part are below the limit requirement specified in GB/T 26572;

X: It indicates that the contents of the hazardous substance in at least one of the homogeneous materials of the part exceed the limit requirement specified in GB/T26572;

\* FCC

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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