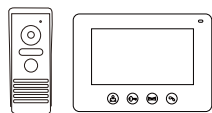


AHD VIDEO DOORPHONE

USER MANUAL

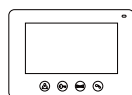


RL-17F-AHD
RL-A17F-AHD
RL-B17F-AHD



Version 1.0

What's Included



Indoor Unit
*1



Bracket
*1



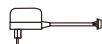
Screw Pack



Outdoor Unit
*1



Rain shade
*1



Adapter
*1



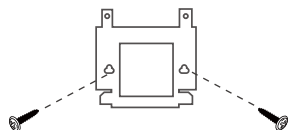
15m cable
*1

1

Installation Instruction

A. Indoor unit installation

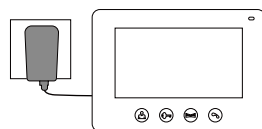
1. Fix the bracket on the wall with screws. (1.4-1.6m high from the ground)



2. Connect the wires according to the wiring diagram.

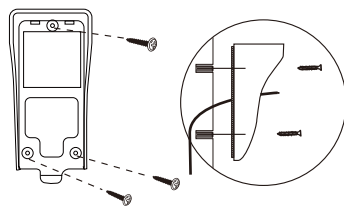
3. Connection to power source.

4. Hang on the bracket.



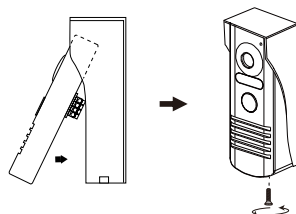
B. Outdoor unit installation

1. Fasten the rain shade on the wall with screws. (1.4-1.6m high from the ground, screw size: 4*40BA)



2. Connect the wires according to the wiring diagram.

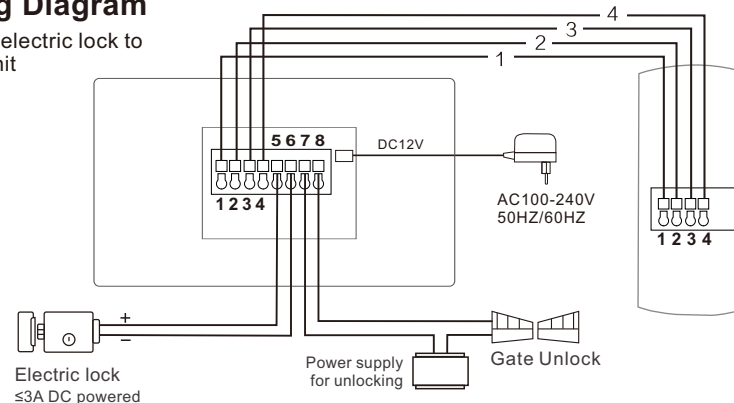
3. Fix into the rain shade and fasten the bottom with screws. Finally seal the screw hole with the enclosed silicone cap.



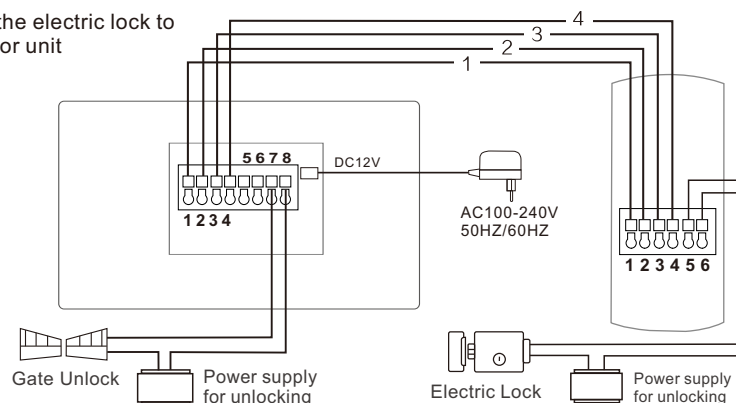
2

C. Wiring Diagram

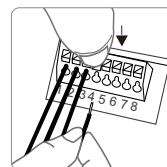
Connect the electric lock to the indoor unit



Connect the electric lock to the outdoor unit



How to attach wires to terminals



Press down on the button, and insert the wire in the corresponding hole. Release the button to clamp the wire in place. Gently pull the wire to see if they are clamped tightly.

- The enclosed cable is 15m, RVV4 x 0.5mm² connecting wire can be chosen if you want to lengthen it to 15m~30m .
- Connection: Terminals 1/2/3/4 on the outdoor unit to terminals 1/2/3/4 on the indoor unit.
- Terminals 5/6 on the indoor unit are used to connect the electric lock and terminals 7/8 are used to connect the gate lock. When connecting, use the RVV2×1.0 mm² cable and the cable length should be ≤15m.

3

1. Audio wire
2. Ground wire
3. Video wire
4. Power wire

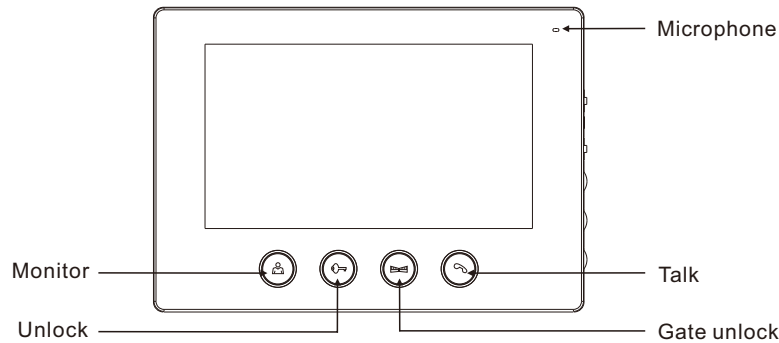
Note:

- Connecting the electric lock with both the indoor and outdoor unit at the same time is prohibited.
- Before pressing the Electric Lock or Gate Unlock button, terminals(5/6 on the outdoor unit or 7/8 on the indoor unit) are in the "Normally Open" state. When pressing down the button, terminals are "shorted and connected". The terminals are used to connect the electric lock that works in <30V, <3A , however, additional power supply for the lock to work is required.

4

Function Keys and Operation Instruction

Indoor unit

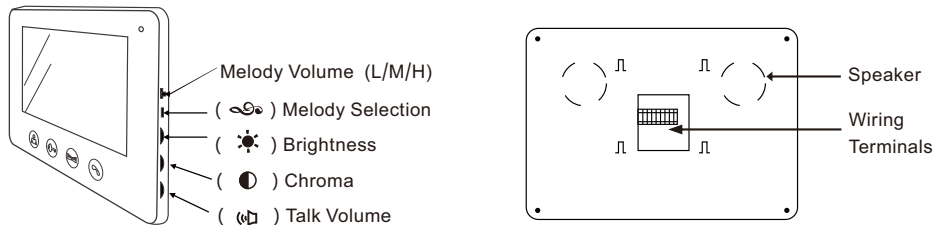


a. When the visitor presses **CALL Button** on the outdoor unit, the indoor unit will ring and display the visitor's image on the screen. Press **TALK** "📞" button on the indoor unit to talk with the visitor. The talking time is 120s. During the 120s, you can:

- Press **UNLOCK** "🔑" button to release the electric lock, or
- Press **GATE UNLOCK** "🚪" button to release the gate lock, or
- Press **TALK** "📞" button to hang up.

b. Press **MONITOR** "👤" button to monitor outside. The monitoring time is 40s. During the 40s, you can:

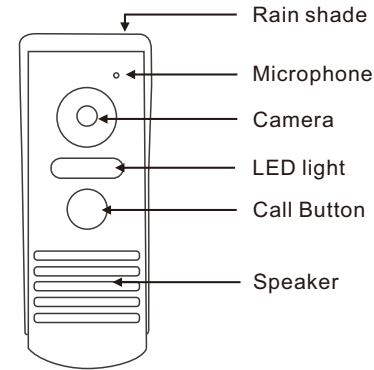
- Press **TALK** "📞" button to talk, during the talk, you can also unlock, or
- Press again **MONITOR** "👤" button to exit.



c. The **MELODY VOLUME** "🔊", **BRIGHTNESS** "☀️", **CHROMA** "⬤" and **TALKING VOLUME** "🔊" can be adjusted by the switches on the side of the device.

d. Press **MELODY SELECTION** "🎵" button to cycle through the different tones available for the doorbell in the monitor mode. There are 16 cord ringtones for option.

Outdoor unit



NOTICES

- Turn off the power before wiring.
- If the product doesn't work after installation, check if wires are connected properly and securely.
- Use a slightly damp soft cloth to clean the camera or screen.
- The outdoor unit must not be directly exposed to sunlight.
- If it is unable to unlock, check if wires are connected properly and securely. Also, make sure the voltage for unlocking is sufficient.
- The image quality may be interfered by strong electromagnetic signals, therefore, when using the product, avoid the electromagnetic sources such as motor and transformer and make sure the circumstance is barrier-free and no interference.

Specifications

Screen Resolution	1024*600
Power Consumption	Static State<3.5W, Working State<8W
Volume	≥75dB (0.3m)
Operating Temperature	-10℃ ~ 50℃
Operating Humidity	10%~90%(RH)
Camera	2 million pixels/ 1080P
View angle	80° ±1°
* Adapter	Input: AC100-240V Output: DC12V 1~2A

Note:

* Actual specification may vary, please refer to the label on the power adapter supplied.