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4.3" VIDEO DOORPHONE



MODEL:ME-4U4G

RoHS FC CE

USER MANUAL

Product description

The color video doorphone is composed of an indoor monitor of 4.3 inch, an outdoor unit, and a power supply. It can be used to monitor, call, intercom and unlock. Suitable for villa, single house, hotel, office and etc, giving you the combined benefit of security and convenience.

Features

- 4.3" TFT digital screen.
- Hands-free intercom.
- Ultra-thin design.
- Intercom between any two monitors.
- IP44 water-proof, damage-proof, oxidation-proof .
- Electronic-lock unlocking and gate unlocking.
- Outdoor monitoring.
- Brightness, contrast and talking volume can be adjusted via indoor unit.
- Night vision.
- Enclosed an adapter .
- Extensible up to 3 indoor monitors (for option)
- There are 16 different melody ring tones for option.

Package contents



• Indoor unit



• Outdoor unit



• Bracket for outdoor unit



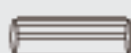
• Adapter



• Bracket for indoor unit



• Screw



• Silicone cap

Caution

- 1.To prevent damage, the adapter should be fastened on the wall according to instruction.
- 2.Keep the power plug in a convenient location for easy disconnection of the device.
- 3.When connecting AC power wire, please finish the connection before plugging in the power.

Troubleshooting

Problem	Solutions
No video/audio	• Make sure all the connections are secured and properly connected. • Make sure there is nothing obstructing the view of the camera.
No video, but intercommunication is normal	• Make sure all the connections are secured and properly connected. • Make sure there is nothing obstructing the view of the camera.
No audio when calling	• Make sure the volume button on the indoor unit is turned up. • Make sure that there is nothing such as object with strong magnetism interfering with the speaker or microphone . • Make sure all the connections are secured and properly connected.
The outdoor unit can not call the indoor unit	• Make sure all the connections are secured and properly connected.
Door unlock do not work	• Make sure the connections with the locks are secured and properly connected. • Make sure you have the lock wired to a power source enough to make it operate.
It is not possible to hear the external sound but the call tone is heard	• Press TALK button for 2-way intercom • Make sure all the connections are secured and properly connected
It is possible to hear visualize the sound of the outside but is not possible to communicate	• Press TALK button for 2-way intercom as only pressing MONITOR button will prevent outdoor unit from hearing indoor unit. • Make sure all the connections are secured and properly connected.

Technical specifications

Indoor unit

Screen size	4.3"
Resolution	480(H)×272(W)
Effective area	53.86 (H) × 95.04 (W) mm
Dot pitch	0.107(W)×0.370(H)mm
Outline size	W120×W170×D16MM
Adapter input voltage	AC100-240V 50Hz/60Hz
Adapter output voltage & current	DC12V 1A
Monitoring time	40S±10%
Talking time	120S±10%
Working distance	50m(4X0.75mm ² cable)
Power consumption	Static state <0.2W Working state <5W
Operating temperature	-20℃~+50℃
Relative humidity	10%~90% (RH)

Outdoor unit

Night vision	IR light
Operating temperature	-20℃~+50℃
Illumination	0.1LUX
Resolution	600 TV lines (CMOS)
Viewing angle	120° wide angle (CMOS)
Size (with bracket)	52(W)×129(H)×35(D)mm
Size (without bracket)	52(W)×129(H)×29(D)mm

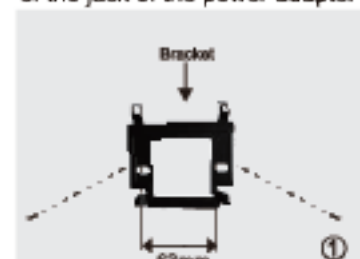
Safety instruction

- Keep the indoor unit away from high temperature such as near an oven or in direct sunlight and high humidity areas such as a bathroom and greenhouse.
- Do not install the indoor unit close to a television or any item that could cause interference or jamming of signal to the intercom.
- Do not touch the unit with wet hands.
- Avoid throwing, dropping or hitting the units.
- Clean the camera or screen with a soft cloth. Do not use detergent, thinner, volatile or corrosive liquid.
- Do not expose the camera of the outdoor unit to direct sunlight.
- To use the product make sure it is barrier free and there is no interference.
- Avoid powering the unit off while recording otherwise the data can be lost easily.

Installation

A. Indoor unit

- ① Screw the bracket on the wall.
- ② Hang the unit on the bracket after finishing the connection. Plug the two ends of the jack of the power adapter into the sockets of AC power and the unit separately.



B. Outdoor unit

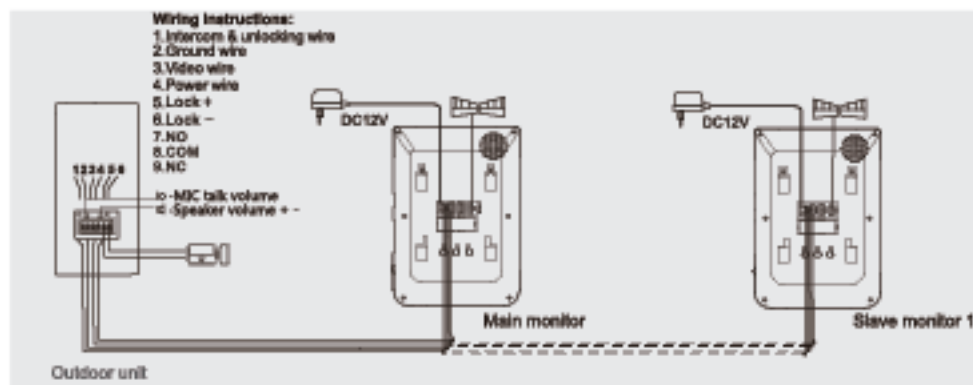
- ① Fix the unit 1.4m - 1.7m high from the ground (according to the camera effect) so as to avoid direct sunshine.



- ② Drill proper holes in the wall, plug up the screw holes with silicone caps. Fasten the rain cover on the wall with screws.
- ③ Refer to the wiring diagram to do the wire connection.
- ④ Fix the outdoor unit on the bracket with screws.



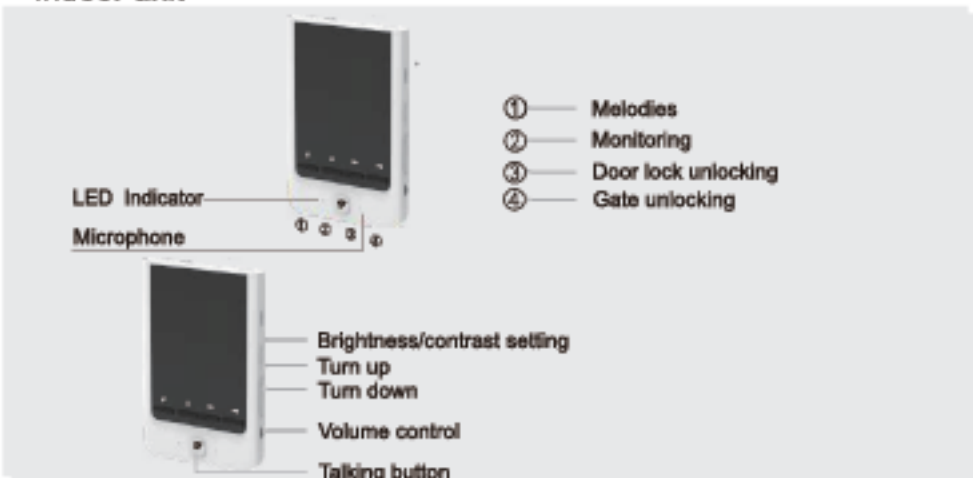
Wiring diagram



- When the working distance is 10m, use RVV4×0.3mm². If the user wants to lengthen the cable into 10m- 30m, use RVV4 x 0.5mm² connecting wire. If the user wants to lengthen the cable into 30m- 50m, use RVV4 x 0.75mm² connecting wire. The cable of electronic lock use RVV2×1.0mm².
- Connect the wiring terminals 1、2、3、4 of indoor unit with wiring terminals 1、2、3、4 of outdoor unit separately. The wiring terminals of 5&6 of outdoor unit are connected with electronic lock through RVV2X1.0mm².
- The wiring terminals of 7&8 of indoor unit are connected with NO outdoor gate lock, 8&9 of indoor unit are connected with NC gate lock through RVV2x1.0mm².

Operation buttons

Indoor unit



Outdoor unit



Operation instruction

A.Operation instruction

1. Press CALL button of outdoor unit to call. The doorbell will ring and the images of visitors will show on the indoor unit. Press TALK () to activate the intercom. Press TALK () again to hang up. Each talking time lasts for about 120 seconds.
2. Press UNLOCK () button to release the electronic lock of outdoor unit.
3. Press GATE UNLOCK () button to release the electronic lock of indoor unit.
4. Press MONITOR () button to turn on and it can last 40 seconds, or press again to turn off. At the same time, press TALK () button for intercommunication.
5. Press MELODY SELECTION () button to cycle through the different tones available for the doorbell in the monitor mode.
6. Press Brightness/contrast setting button () to enter into the Brightness or Contrast setting option, and then press () to turn down or up accordingly.

B. Communication between main monitor and slave monitor

1. Press call button of outdoor unit and the two monitors will ring at the same time. When one of the monitors is answered, the other one will hang up automatically.
2. Long press () of one indoor unit for 2s to call the other indoor units, the talking can last for 60s. If no one answers the call after 30s, the indoor unit will return to the standby mode.