

Installation and Operating Manual

Video Intercom Kit with 7" display and 2-wire connection

Model: EAGLE



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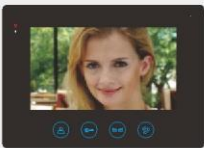
Product description

The color video doorphone is composed of an indoor monitor of 7 inch, an out- door 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

- 1) 2 wires of nonpolarityconnecting.
- 2) Ultra-thin designed touch pad indoor unit leads the new trend of color video doorphone.
- 3) Water-proof, oxidation-proof metal alloy (stainless steel)panel outdoor unit.
- 4) Electronic-lock release function.
- 5) Monitor outdoor function.
- 6) There are 16 different melodies foroption.
- 7) Image brightness and chroma adjustable.
- 8) Talk volume and melody ring tones adjustable.
- 9) This system can connect most 2 outdoor units (1 main outdoor unit and 1 slave outdoor unit) and 3 pcs indoor units to outdoor unit.(include 1 main monitor and 2 slave monitors).
- 10)The indoor unit can be hung on the wall.

Package contents



• Indoor unit



• Outdoor unit



• Rain cover



• Adapter



• Bracket for indoor unit



• Screw



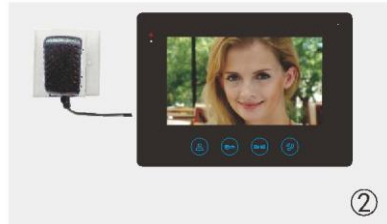
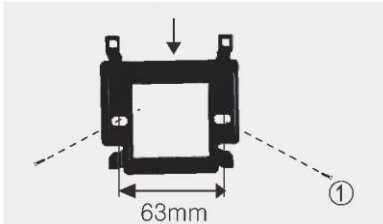
• Silicone cap

System installation

A. Indoor unit

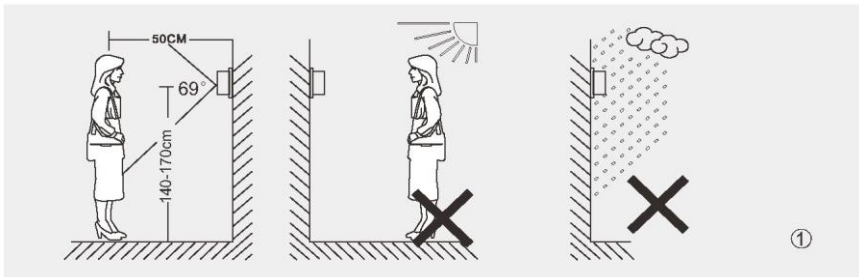
- ① Fasten the bracket on the wall with screws.
- ② Hang the unit on the bracket after finishing the connection. Plug the two ends of the jack of the power adapter into the sockets of AC power and the unit separately.

Bracket

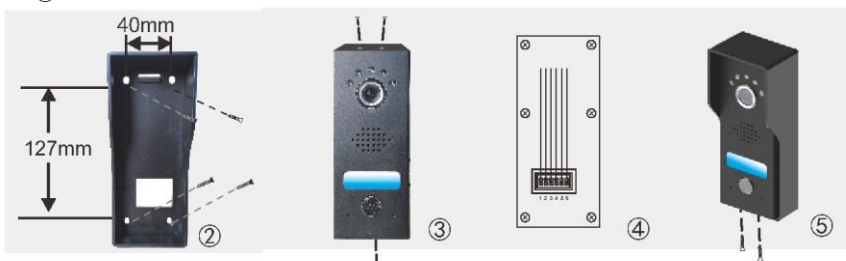


B. Outdoor unit

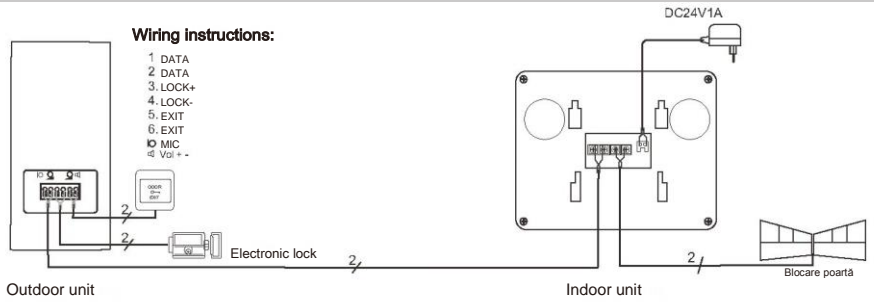
- ① Fix the unit 1.4m – 1.7m high from the ground (according to the camera effect) to avoid direct sunshine.



- 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 Unscrew from the top and the bottom of the outdoor unit, hold the panel and press the button part to take off the metal cover. Take the name plate out and write the name on the paper. Fix the name plate and metal cover back. Screw the panel well with a screw driver.
- ④ Refer to the wiring diagram to do the wire connection.
- ⑤ Fix the outdoor unit on the rain cover with screws.



Wiring diagram



When the working distance is 10m, use twisted-pair or RVV2×0.3mm². If the user want to lengthen the cable into 10m-30m, use twisted-pair or RVV2 x 0.5mm² connecting wire.

If the user wants to lengthen the cable into 30m- 50m, use twisted-pair or RVV2 x 0.75mm² connecting wire. The cable of electronic-controlled use RVV2×1.0mm².

The terminal "Lock" on indoor unit is for the unlocking function of the third button (🔓) on the indoor unit, the terminal 3&4 on the outdoor unit is for the unlocking function of the second button (🔓) on the indoor unit, the terminal 5&6 is used for connecting the door exit switch. Both of them are connected by RVV2×1.0mm².

Operation instruction

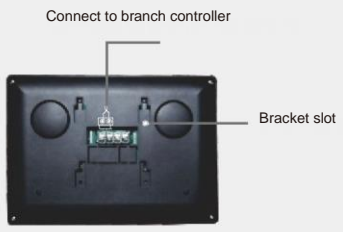
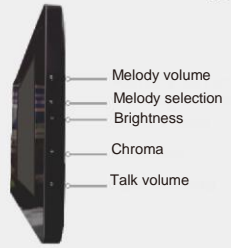
Indoor unit

LED Indicator

- On red light: do not disturb indication
- On green light: the talking



- ① — Monitor
- ② — Electronic unlock
- ③ — Gate unlock
- ④ — Talk
- ⑤ — Microphone



Instrucțiuni de utilizare

Unitatea exterioară



- Protecție împotriva ploii
- Lumină pentru vedere pe timp de noapte
- Cameră
- Difuzor
- Plăcuță nume/cititor
- Buton apelare
- Microfon

Technical specifications

Indoor unit

Screen size	7"
Resolution	800(H)×480(W)
Effective area	154.08 (H)×86.58 (W)mm
Dot pitch	0.0642(W)×0.1790(H)mm
Outline size	214(W)X152(H)X18(D)mm
Adapter input voltage	AC100-240V 50Hz/60Hz
Adapter output voltage¤t	DC24V 1A
Monitoring time	30S±10
Talking time	60S±10
Power consumption	Static state <0.2W Working state <5W
Operating temperature	-20°C~+50°C
Relative humidity	10 ~90 (RH)

Outdoor unit

Night Vision	White (Standard)
	Red (For option)
Operating Temperature	-20°C~+50°C
Illumination	0.1LUX
Resolution	700 TV lines (CMOS)
Viewing Angle	69°wide angle (CMOS)
Size (with rain cover)	65(W)×154(H)×46(D)mm
Size (without rain cover)	58(W)×145(H)×30(D)mm











Safety instruction

- Keep the indoor unit away from high temperature such as near an oven or under direct sunlight, and high humidity such as bathroom and greenhouse.
- Do not install the indoor unit close to a television or position with strong jamming- the signals the TV and the intercom use can be interfered with each other.
- 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.
- Use the product under the circumstance of barrier-free and no interference.
- When a car or a motorbike passes by, the image may become blurred or be cut off due to the interference of radio wave.


Caution


1. To prevent damage, the adapter should be fastened on the wall according to instruction.
2. Power plug as a disconnecting device should be kept convenient to operate.
3. When connecting AC power wire, please finish the connection before plugging in the power.

Operation instruction

1. Press CALL button of outdoor unit to call. The doorbell will ring and the images of visitor will show on the indoor unit. Press TALK () to activate the intercom. Press TALK () again to hang up. Each talking time lasts for about 60s
2. Press UNLOCK () button to release the electronic-lock.
3. Press GATE UNLOCK () button to release the gate-lock.
4. Press MONITOR () button to monitor and it can last 30s, or press again 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. Use MELODY (H M L) to adjust the loudness of the in-built speaker of the indoor unit, and use VOLUME () to adjust the volume of microphone.
7. Use BRIGHTNESS () and CONTRAST () to adjust how bright the image appears and how much color is in the image respectively.

Caution:

The UNLOCK button () on the indoor unit, can only be used while monitoring or talking, 10s later after unlocking, the screen will turn off.

The GATE UNLOCK button () on the indoor unit, can be used at any time.

Troubleshooting

Problem	Solutions
No video/audio	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Make sure the volume knob 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	<ul style="list-style-type: none"> • Make sure all the connections are secured and properly connected.
Door unlock not working	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Press TALK key for two-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	<ul style="list-style-type: none"> • Press TALK key for two-way intercom as only pressing MONITOR key will prevent outdoor unit from hearing indoor unit. • Make sure all the connections are secured and properly connected.



Waste electrical and electronic equipment are a special waste category, collection, storage, transport, treatment and recycling are important because they can avoid environmental pollution and are harmful to health. Submitting waste electrical and electronic equipment to special collection centers makes the waste to be recycled properly and protecting the environment. Do not forget! Each electric appliance that arrives at the landfill, the field, pollutes the environment!

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