

## 1. Product Profile

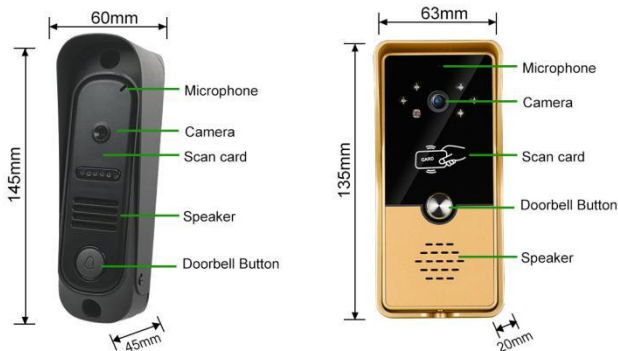
The 4-wire villa intercom system is a video intercom system developed for villa users. The system has call intercom, monitoring, ID card access control and other functions. At the same time, the UI design is more clear and easy operation, such as ringtone replacement, volume adjustment and other intuitive operations.

## 2. Functions

- It supports hands-free video intercom, monitoring, unlock functions.
- Support ID access card.
- Do not disturb function (ring tone volume set to 0).
- It works in night environment, with infrared LED lighting compensation.
- Support ringtone replacement, built-in multiple options, users could choose any one you like.
- The intercom system can be connected to 2 door phone.

## 3. Product Description

Villa Door Phone:

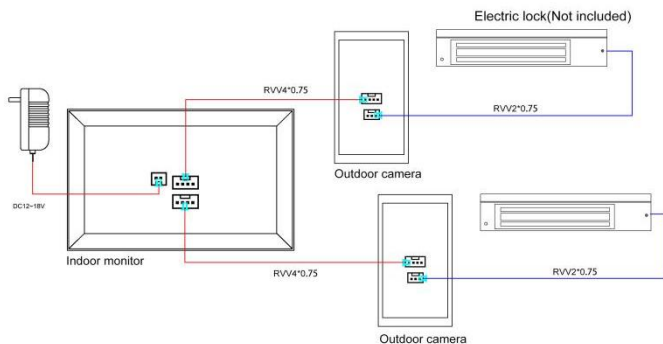


## For unlocking 1 Door (Built-in 1 relay)

Indoor Monitor:






Intercom connection diagram:





(Note : The intercom connection cable and power adapter are attached in the product package, which only need to be connected according to the drawing. The electric lock and the exit button are only equipped with the connector, devices must be purchased separately.)





### 3.1. Calling and Unlocking

The visitor presses the Ring button on door phone, the indoor monitor is ringing immediately and displays the image of the door phone, after press answer button "  " on indoor monitor, you may video intercom with the visitor. Press unlock button "  " to open the door when communication, and press answer button "  " again to end communication.


### 3.2. Monitoring

Press monitor button "  " to access into monitoring status, then you can monitor the surveillance video image of the villa door phone. Press unlock button "  " to open the door in monitoring status.

### 3.3. Audio Setting

Under Calling or Monitoring status, press function button "  " to access audio and video settings. Press function button "  " to switch the OSD menu, and press again to adjust the value, press monitor button "  " and unlock button "  " to increase and decrease the value.

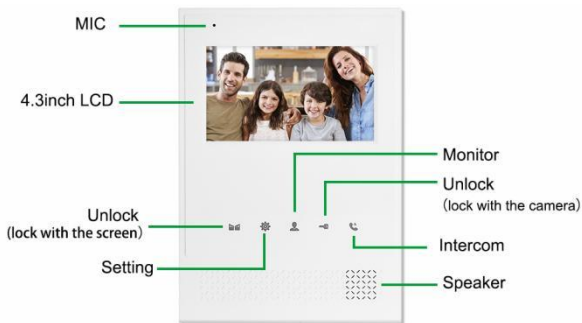
### 3.4. Entrance Card Setting

Add ID cards: Hold and long press monitor button "  " to access into add cards mode. Swipe the cards on outdoor panel, there will be "di" sound, you can add the user card continuously. After swiping all the cards, press call button to complete adding the cards.

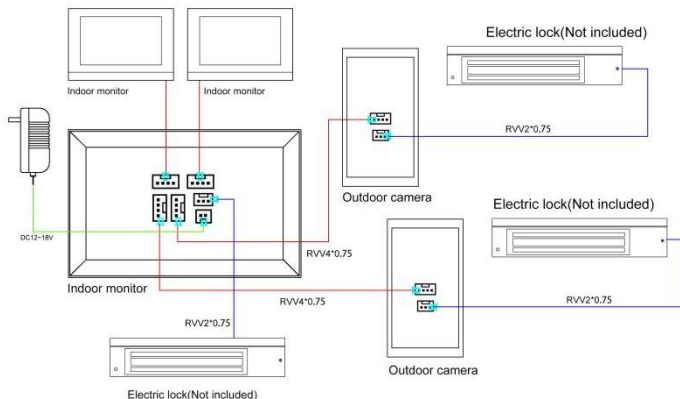
Delete ID cards: Hold and long press monitor button "⚙️" and it will "di" sound 5 times to access into delete cards mode. Swipe the cards on outdoor panel, there will be "di" sound, you can delete the user cards continuously. After swiping all the cards, press call button to complete deleting the cards.

## For unlocking 2 Doors (Built-in 2 relay)

Indoor Monitor:



## Intercom connection diagram:



Note: The intercom connectors and power adapter are included in the product package, which only need to be connected according to the diagram. Any electric lock, power supply for electric lock or exit button are not included in the package and must be purchased separately.

### Note:

When connecting to extra indoor monitors, please make sure to connect the main and slave monitors into the correct pin Slot, in case of any burnt issues.

## 4. Specifications

	MCU	MA82G5B16
	Camera	800TVL
	Voltage	DC13.5V powered by indoor monitor
	Working Temp	-40° C ~+70° C
	Dimension	145*60*45 mm / 135*63*20mm
	Installation	Wall Mount
	MCU	MAT630A
	LCD	7 inch /4.3 inch
	Resolution	1024*600/800*480
	Voltage	DC13.5V with Power Adapter (input AC110~240V)
	Working Temp	-20° C ~+70° C
	Dimension	195*120*15mm/180*110*15mm
	Installation	Wall Mount

## 5. Installation Guide

- 5.1. The installation height of the villa door phone is 1.4 ~ 1.7 meters, and the installation environment should avoid directly facing the sunlight.
- 5.2. Indoor monitor installation, according to the size of the wall to make the appropriate hole, put into the screw stopper, and then screw the rain cover fixed on the wall. Ref pic 1.
- 5.3. Outdoor villa units installation reference pic 2, First buckle into the shield from the top, and then push into the bottom, confirm that the top has been buckled, and then fixed from the bottom with the screw configuration, screw cover.
- 5.4. According to the wiring diagram to connect the signal line, such as in the indoor machine, the power line from the wall hole out, such