

## Residence Type Outdoor

### Intercom Unit

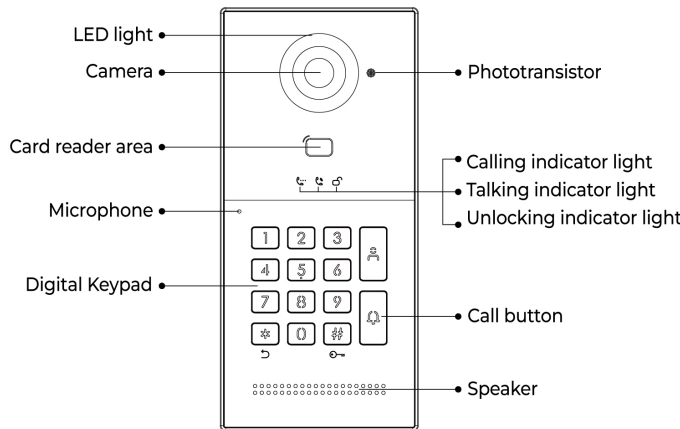


<b>Product Code</b>	ITR650-0005
<b>Power Supply</b>	12 VDC 2 A, PoE
<b>Power Consumption</b>	1.5 W (Standby Power) , 3.5 W (Rated Power)
<b>Communication</b>	TCP/IP, SIP, RTSP
<b>Operating System</b>	Linux
<b>CPU</b>	Quad Core 1.3 GHz
<b>Memory</b>	128MB Rom, 64 MB Ram
<b>Keypad</b>	Piezoelectric Keypad
<b>Door Relay Control Method</b>	DTMF, HTTP, Key Code, IC/ID Card
<b>Video Codec</b>	H.264
<b>Audio Codec</b>	G.711
<b>Camera</b>	2 MP CMOS
<b>Type of Protection</b>	IP 65
<b>Temperature Range</b>	Operation (-40°C...55°C), Storage (-40°C...70°C)
<b>Maximum Air Humidity</b>	< 90 RH
<b>Material</b>	Aluminum Alloy
<b>Colour</b>	Light Grey and Black
<b>Dimensions</b>	Product : 88 x 188 x 32.5 mm (W x H x D) Mount Box: 88 x 188 x 34 mm (W x H x D)
<b>Configuration</b>	via Webpage

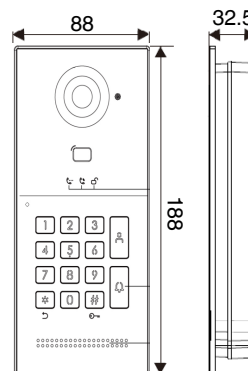
### DESCRIPTION

ITR650-0005 is an Outdoor Intercom Unit with Linux OS that is mainly used for making interacting with the related indoor intercom unit such as an indoor monitor. It allows you to easily monitor an entrance door or gate and gives you the confidence that your home has more security. Users can communicate with visitors via audio and video calls, and unlock the door if they need. Besides, users can use IC/ID cards to unlock the door, too.

### GENERAL FEATURES



### DIMENSIONS (mm)

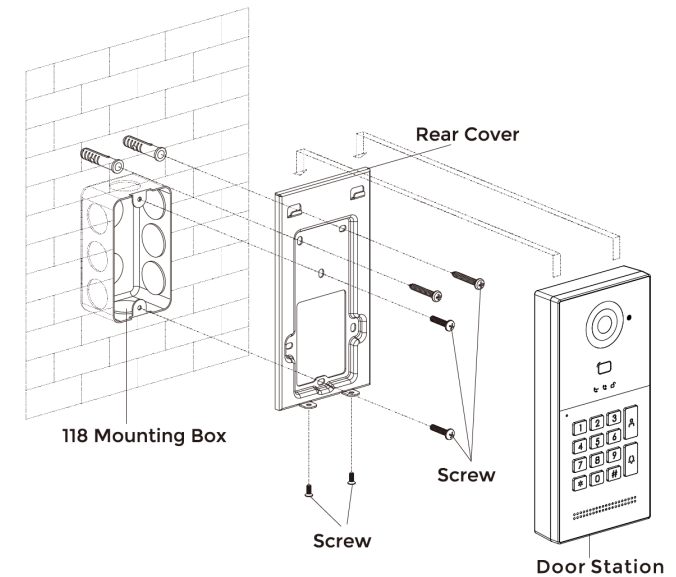


### FUNCTIONS

ITR650-0005 is an Outdoor Panel Unit with that mainly used for make interacting between the related indoor intercom unit. ITR650-0005 product features are described below :

- A video intercom with an indoor monitor and management centre.
- Door opening can be done with a password, IC / ID card and face recognition.
- It can register IC/ID card information on the outdoor panel and store IC/ID cards (ID card is optional).
- Support Exit button unlocking and door magnetic detection.

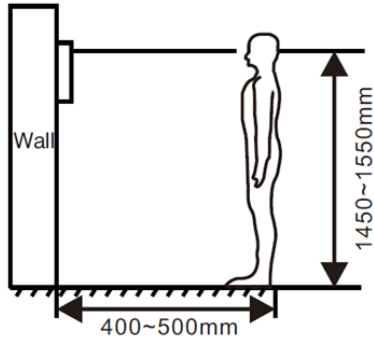
### INSTALLATION



- ⚠** When mounting the built-in box, do not fix the frame into the wall.  
The supporting frame should be in parallel with the wall.

## CONNECTION DIAGRAM & FEATURES

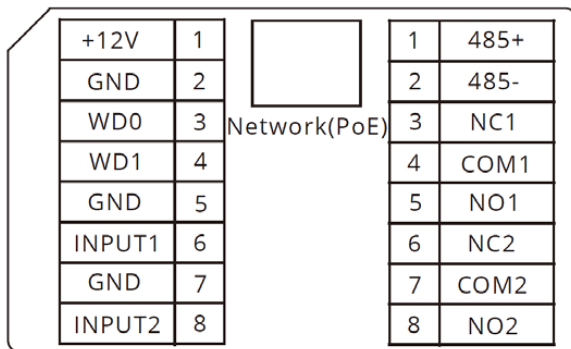
The following figure, shows a proper location of the installation :



**!** During the installation, the camera should be 1450-1550 mm above the ground. The camera tether for photographing the human face should be the top priority.

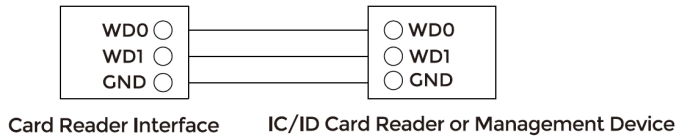
### System Diagram:

The following figures shows the connectors of the ITR650-0005.



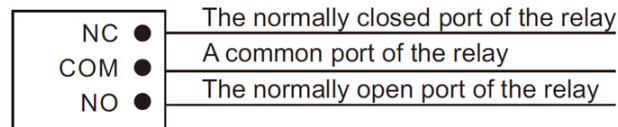
### Card Reader Interface:

The interface can be connected to one IC/ID card reader or be used for reading the information of the built-in card reader. It can output the power 5 V/100 mA. When the card reader does not have the power from the interface, a wire connection of +5 V is not required:



### Switching Value Output:

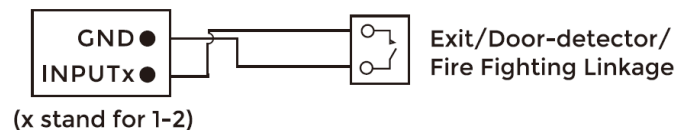
Connect to the lock module (independent power supply is necessary for the lock).



Switching Value Output

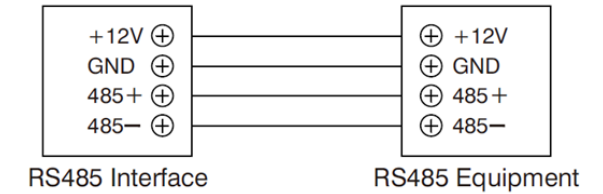
### Exit Button/Door Magnetic Switch:

Connect with Exit button and door magnetic switch; DIN is reserved terminal, please don't connect it.



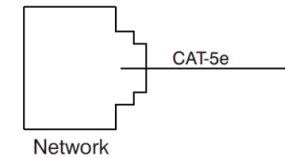
### RS-485:

Connect with RS-485 device; RS-485 interface can output 12 V / 100 mA power supply. If RS-485 equipment to be connected does not require the power supply, no need to connect +12 V.



### Network:

Connect to the management center, indoor monitor or another network device through a network switch.



## TROUBLESHOOTING

Some common failures and troubleshooting methods are listed for your reference. In case of failure which cannot be repaired, do not disassemble or repair the product by yourself. Please contact the after-sales technical service department.

**?** When setting the outdoor panel, please make sure building No. and unit No. of the outdoor panel are the same as the ones of the indoor monitor.

**?** Please check whether the network is connected.

**?** Please check if there are any security settings for the network.