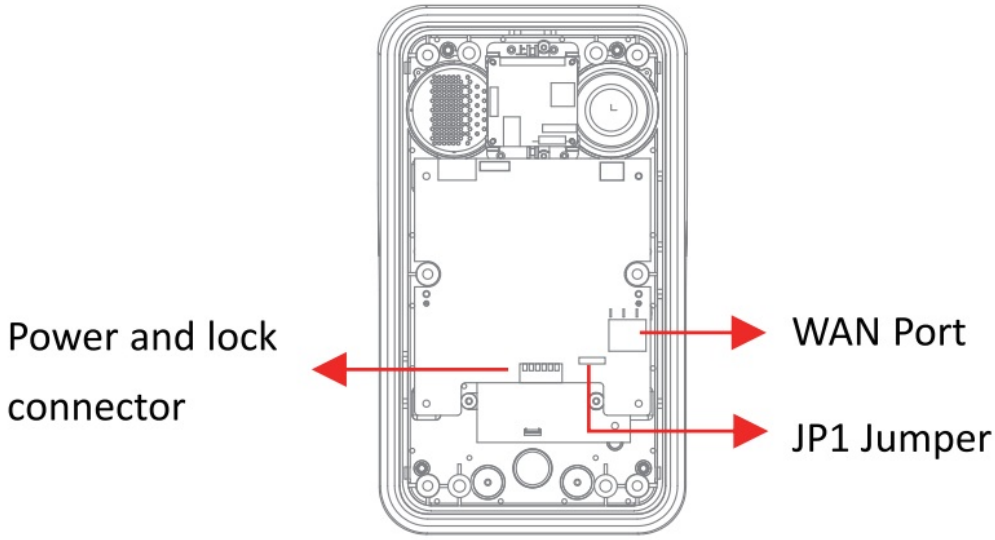
Fanvil i18S IP Video Intercom Door Lock Installation Guide

Contents

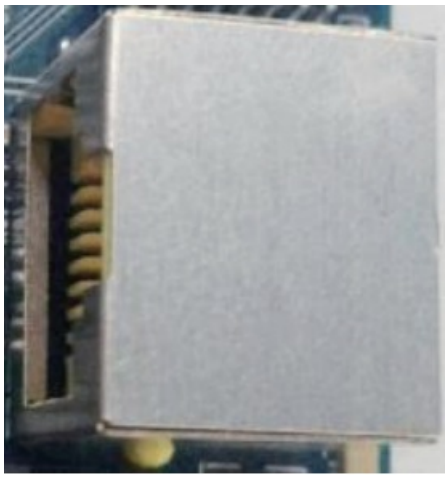
Fanvil i18S IP Video Intercom Door Lock

Port Definition

After removing the Back Panel of device, there are one temiinal block connectors for power and lock control connection as shown in the picture below.



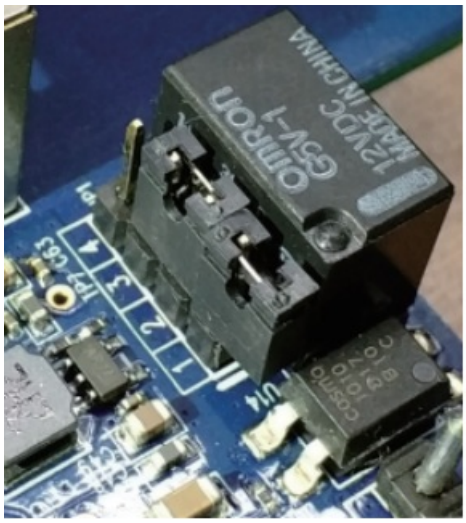
networker connector

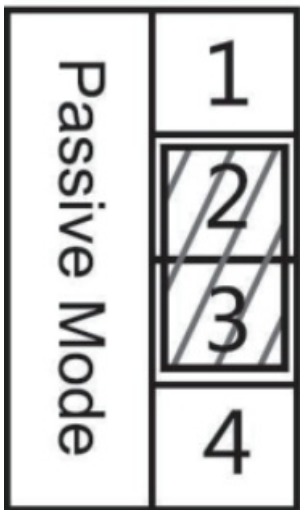


Power and Electric-lock Connector

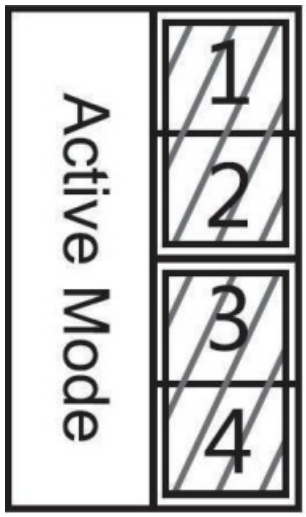
1	**2**	3	**4**	**5**	**6**	7
+DC12V	vss	NC	COM	NO	S-IN	S-OUT
12V DC Inpu1		Electric-lock switch			Indoor switch	

JP1 Jumper
There are two modes for power supply of electric-lock as shown in the picture below. (The default is “Passive Mode”).
Passive Mode: When the electric-lock starting current is more than 12V/650mA, need to use the external drive mode, the electric lock interface for short circuit output control.
Active Mode: When the electric-lock starting current is less than 12V/650mA, can use the internal drive mode, the electric lock interface is 12V DC output.



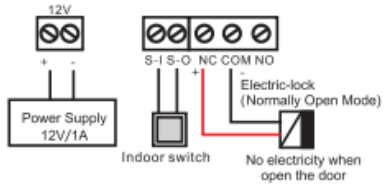
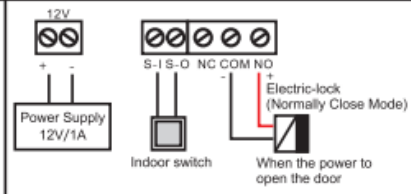
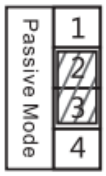
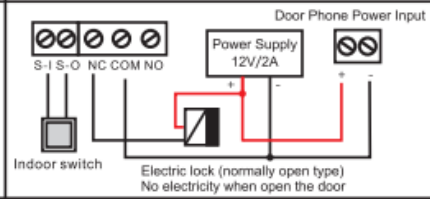
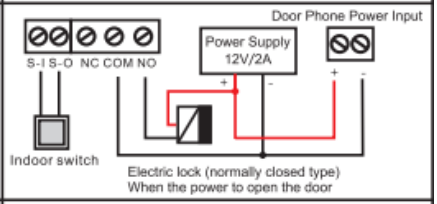
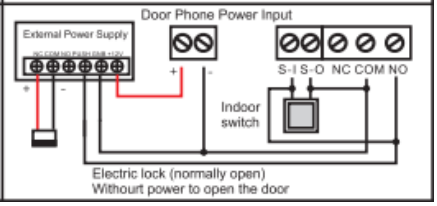


- **Jumper in passive mode**



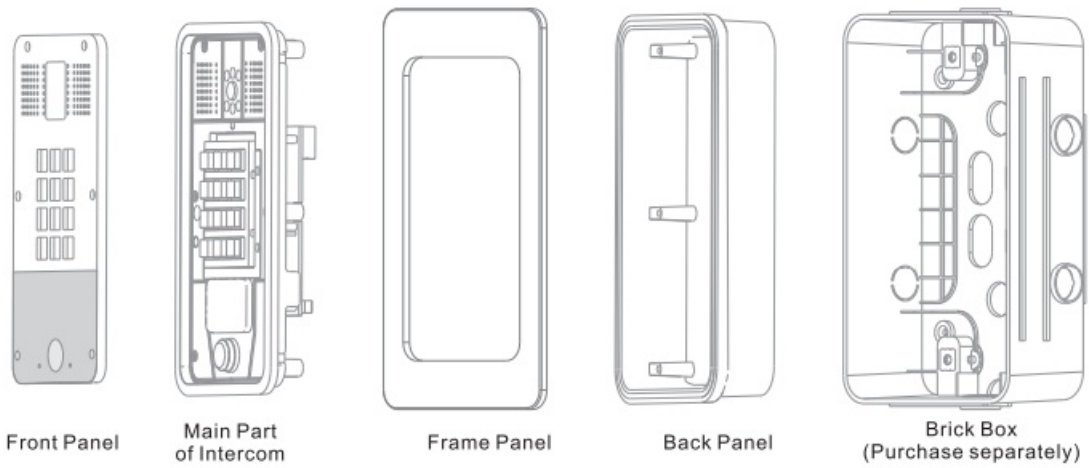
- **Jumper in active mode**

Relay Status
NO: Normally Open Contact.
COM: Common Contact.
NC: Normally Close Contact

Driving Mode		Electric- Lock		Jumper	Connections
Active	Passive	NO	NC		
✓		✓			
✓			✓		
	✓	✓			
	✓		✓		
	✓	✓			

Flushing Mounting(with brick box)

- **Components Description**



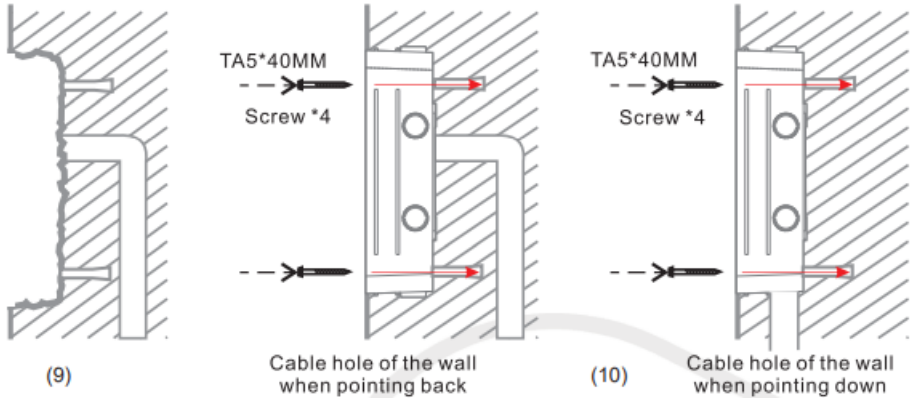
What you need

- {PurchaH separately) Components described as above, which were assembled as a whole unit by default.

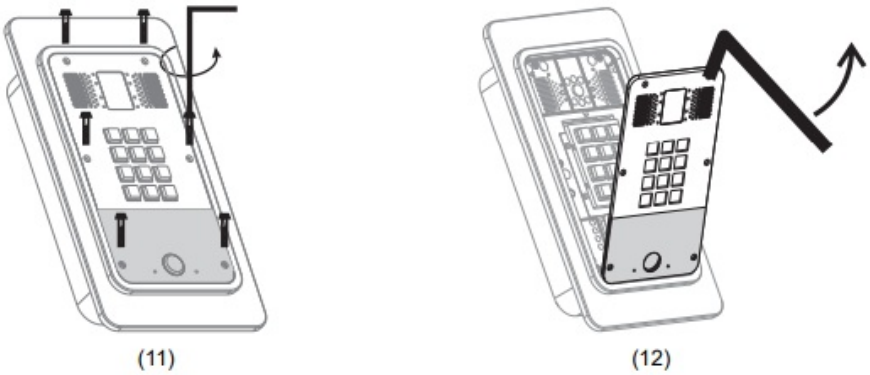
(Exclude brick box).

- Brick box should be purchased separately with another single package.
- Check the contents of assemble accessory bag delivery:
- L-shaped screwdriver, 2 RJ45 plugs (1 spare), 5 35mm screw anchors (1 spare), 5 TA5*40mm screws (1 spare), 5 M4*35mm screws (1 spare), 1 spare M4*16mm screw, 1 spare PM3*16mm screw, 5 spare PA4*60mm screws (using when no brick box).
- Tools:
    - L-shaped screwdriver.
    - Phillips screwdriver (Ph2 or Ph3), Hammer, RJ45 crimper.
    - Electric impact drill with a 8mm drill bits.

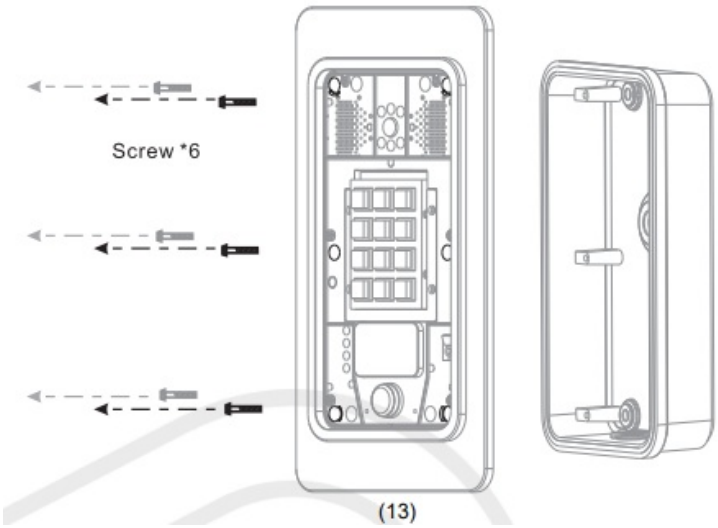
Brick Box Mounting



- Make a hole on the wall using the brick box as a template. Make sure all required cables have been carried from the hole as diagram
- Use the brick box as a template to mark the screw anchor holes and drill them with electric impact drill. Push or hammer screw anchors into drilled holes, and tighten the brick box onto the wall hole, as diagram . **Note:** Step B can be skipped. However, ii will decrease the strength of anti-punch.
- Fill the side face gap betw&en the brick box and the wall with cement.
- The brick box must not be higher than the surface of the wall (lower than the wall within 6mm Is acceptable).Angle slope should be within 2•.
- Make sure all required cables have been carried from the hole.
  Note: Do not proceed mounting until cement has been frozen.
- Unpacking
  A.With L-shapad screwdriver, unpack Iha front panel as diagram



- B.With Phillips screwdriver, unpack Iha frame panel and Iha main part of intercom as diagram



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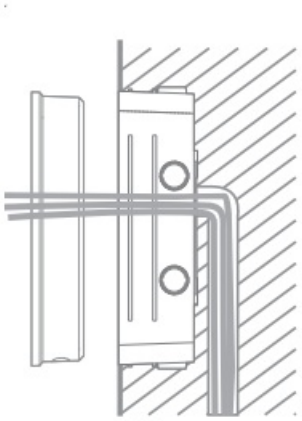
- **Cabling**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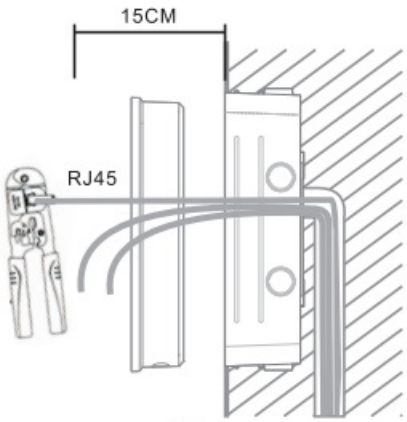
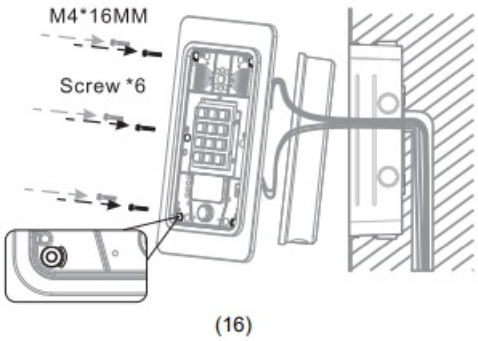


(15)

- Select the hole for cable supply, 15cm lo 20cm cable length is recommended as diagram
  Note:The direction of the cable hole on back panel is pointing down.
- Connect the cables of RJ45, power, and electric-lock to the motherboard socket as connectors description (refer lo page 4 or inside of the back panel).
- Test as below for electrical checking:
- Press the button of# for 3 seconds to get IP address of intercom by voice.
- Input access password or press the Indoor switch to check electric lock installation.
  Note: Do not proceed mounting until you have finished the electric checking

Mountlng



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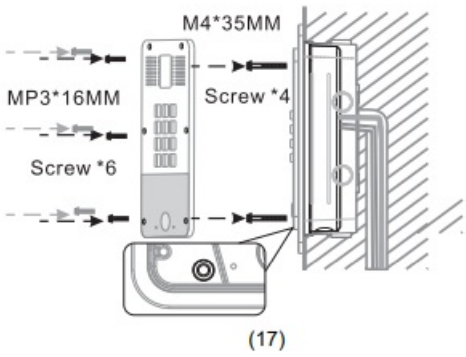

(17)

- With 6 screws unscrewed before, lighten the main part (together with frame panel) of intercom on the back panel as diagram
- With 4 M4.35mm screws, tighten the in1ercom into the brick box and also seal the gap between the frame panel and the wall surface, as diagram
- Push the front panel into the plastic frame, and tighten it with 6 screws, as diagram

  Note: Make sure the screws have been tightened properly for better waterproof effect.

Mounting finished

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Documents / Resources

	Fanvil i18S IP Video Intercom Door Lock [pdf] Installation Guide i18S IP Video Intercom Door Lock, i18S, IP Video Intercom Door Lock, Video Intercom Door Lock, Door Lock

References

- Fanvil Technology Co., Ltd