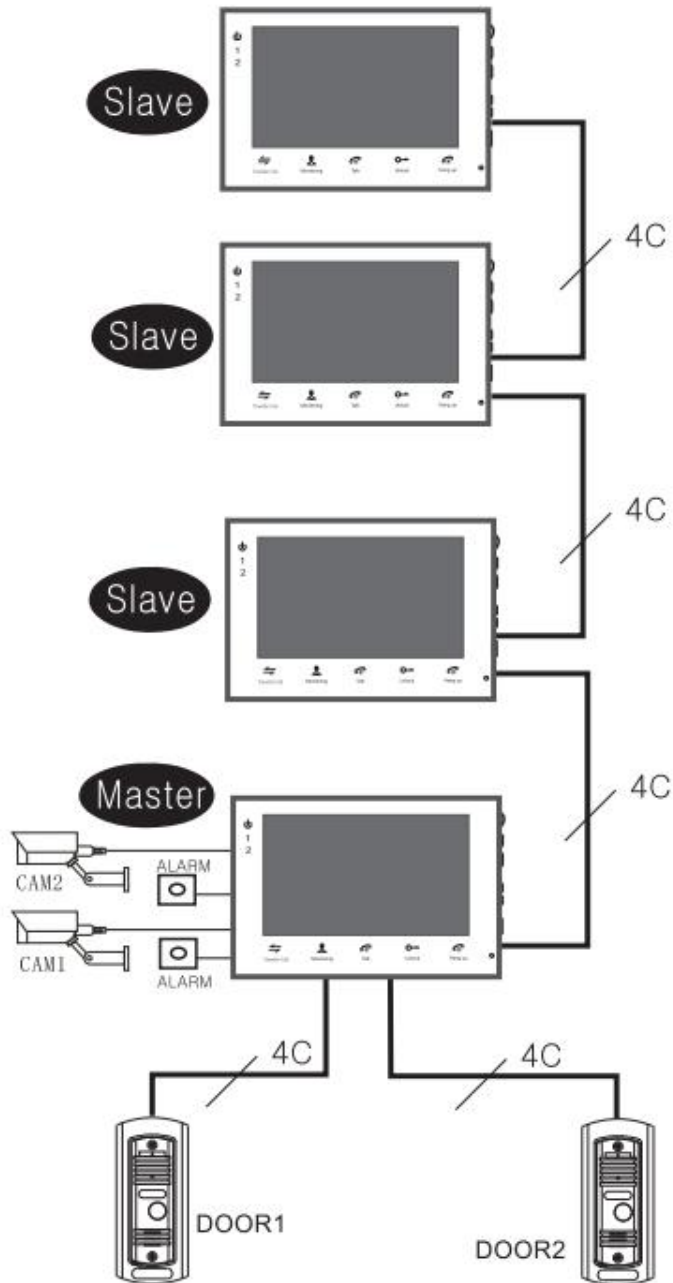
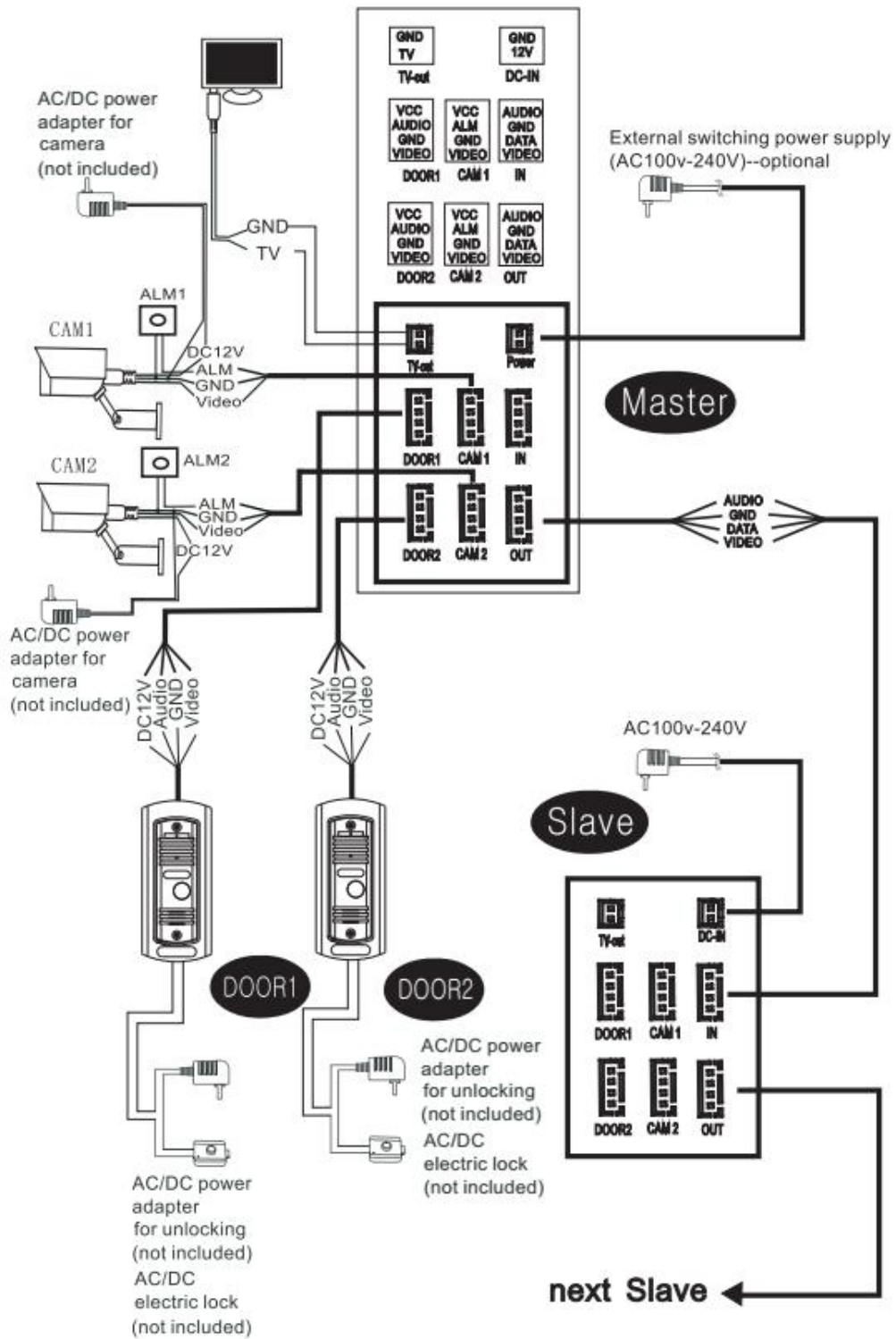


Wiring Diagram for MZ-VDP-739EM/NE120

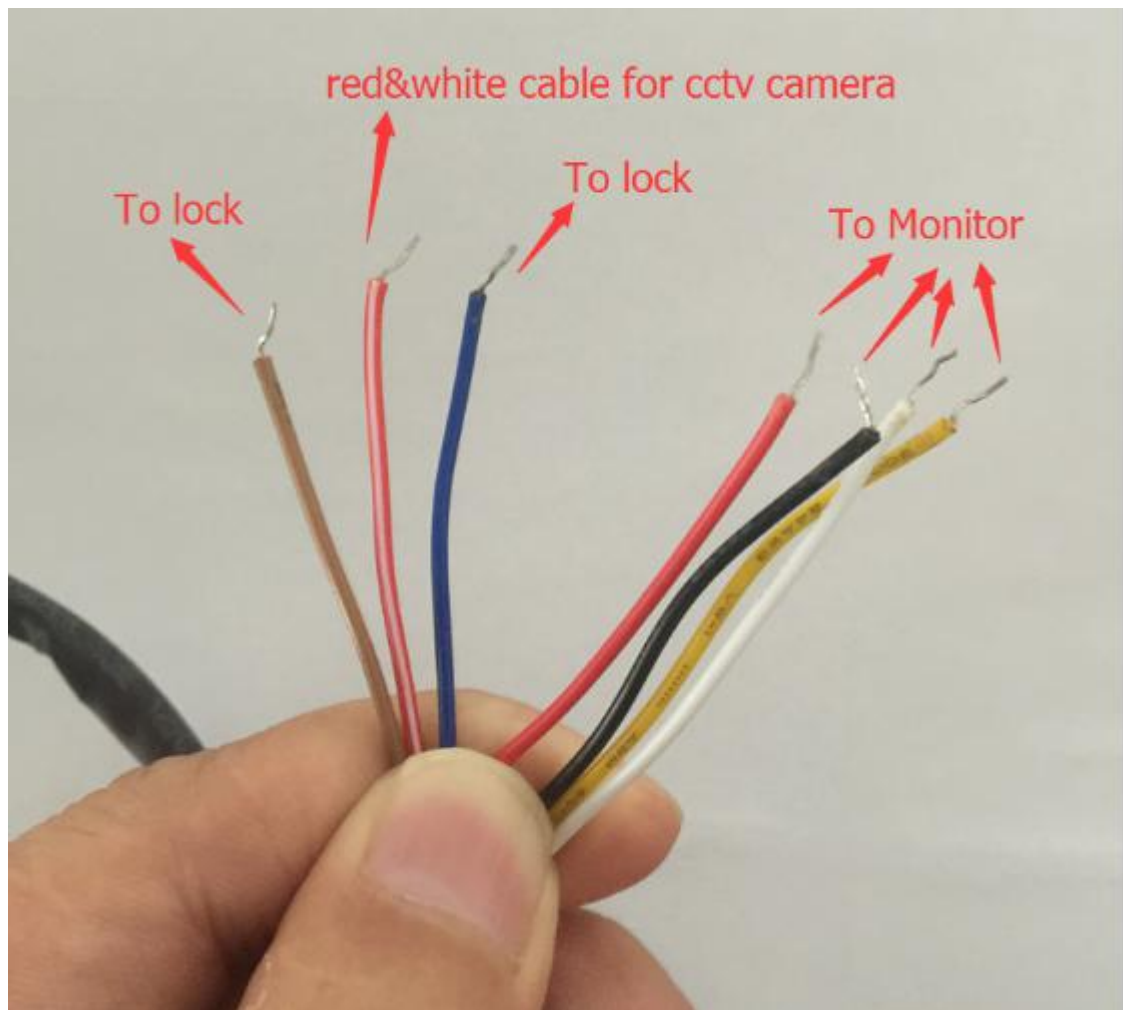
Wiring diagram:

WIRING DIAGRAM





Cables of the doorbell

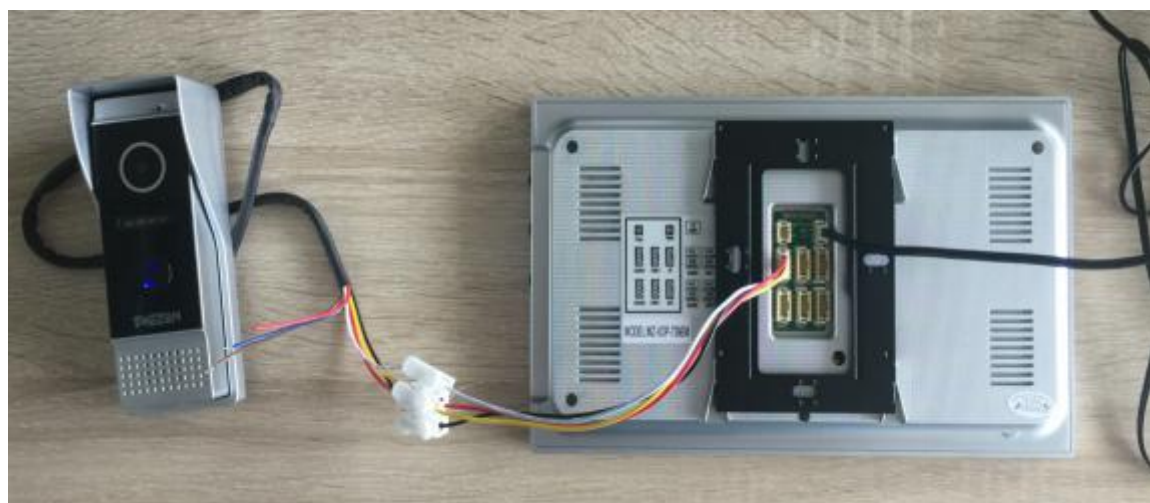


1. Connect 1 monitor+1doorbell

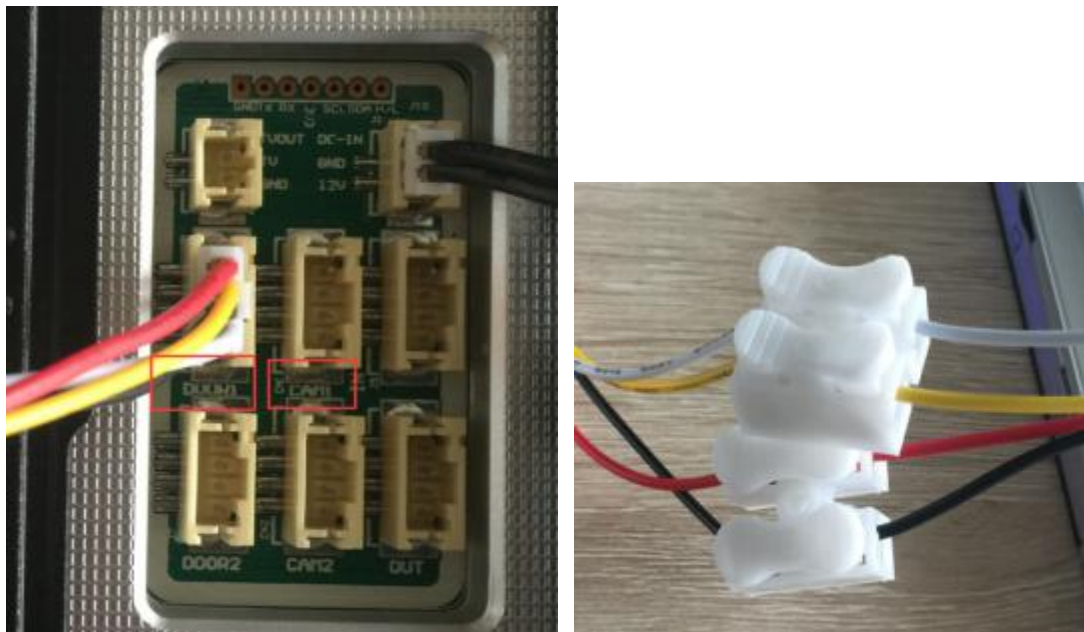
Connect the power for the monitor.

Connect the 4pin cable(black/red/yellow/white) from the monitor and doorbell.

Black to black,red to red,yellow to yellow,white to white.



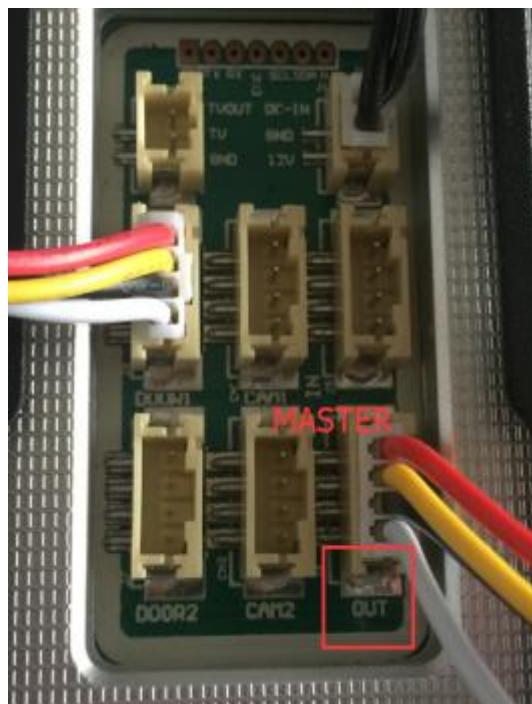
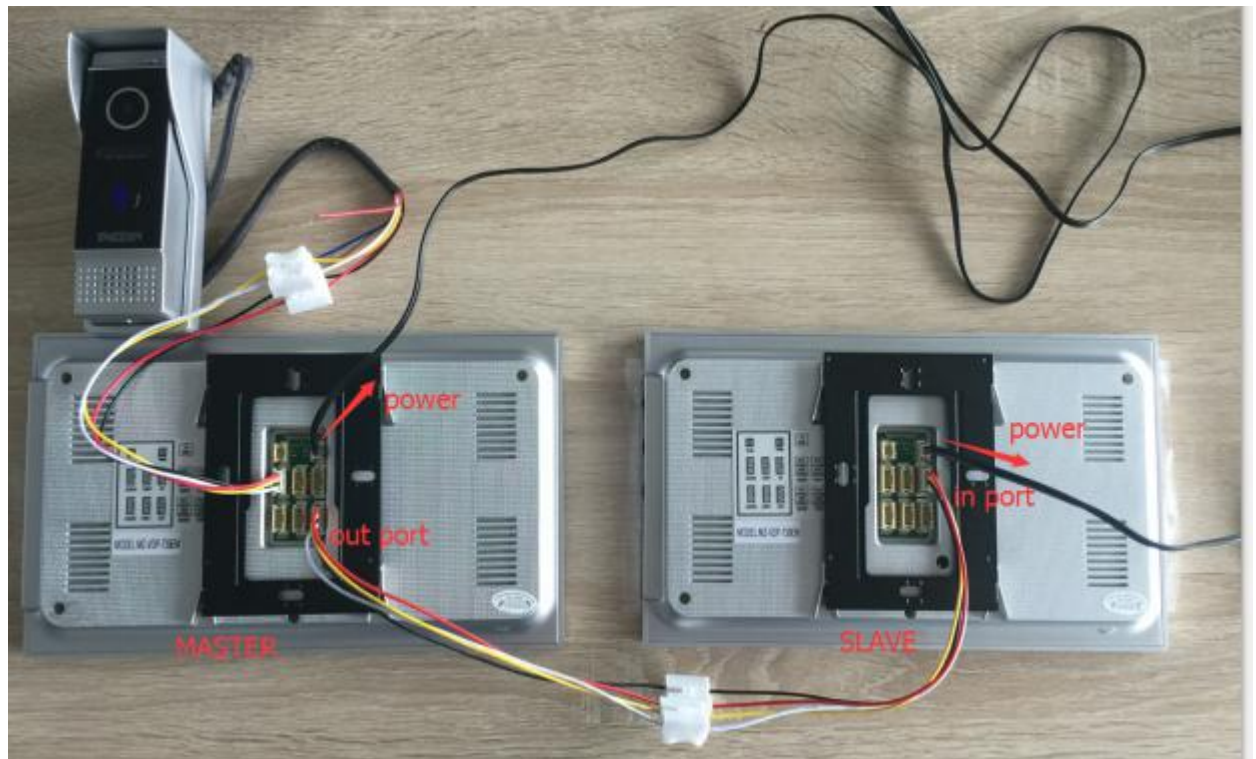
Please note the the 4pin cable need connect to the DOOR1/DOOR2, don't connect to the CAM1/CAM2 which is connect for the external cctv cameras.



If everything connect correct,the doorbell and monitor will power up and light on.When you press the doorbell,press the talk button on the monitor, you will see the picture on the monitor.

2. Connect 2 or more monitors+1doorbell

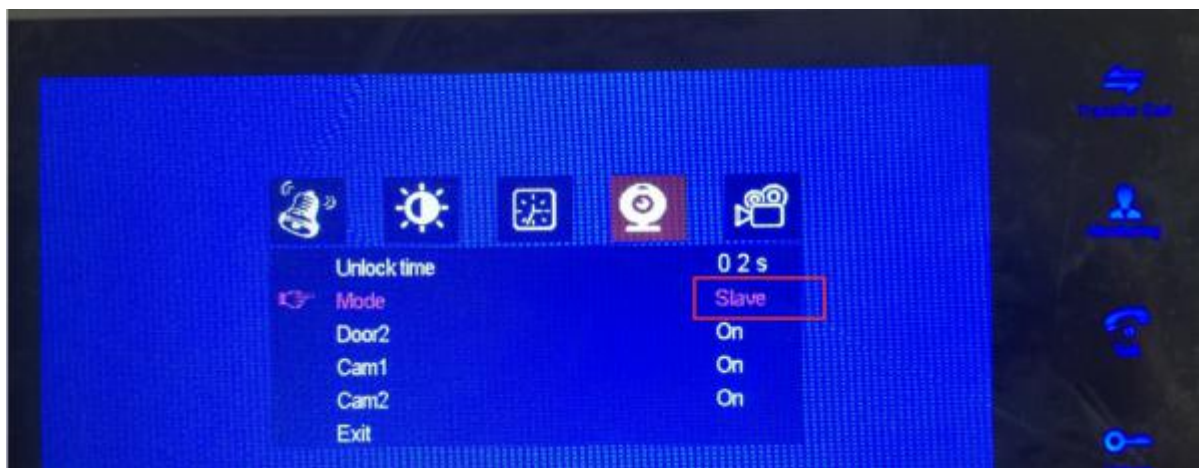
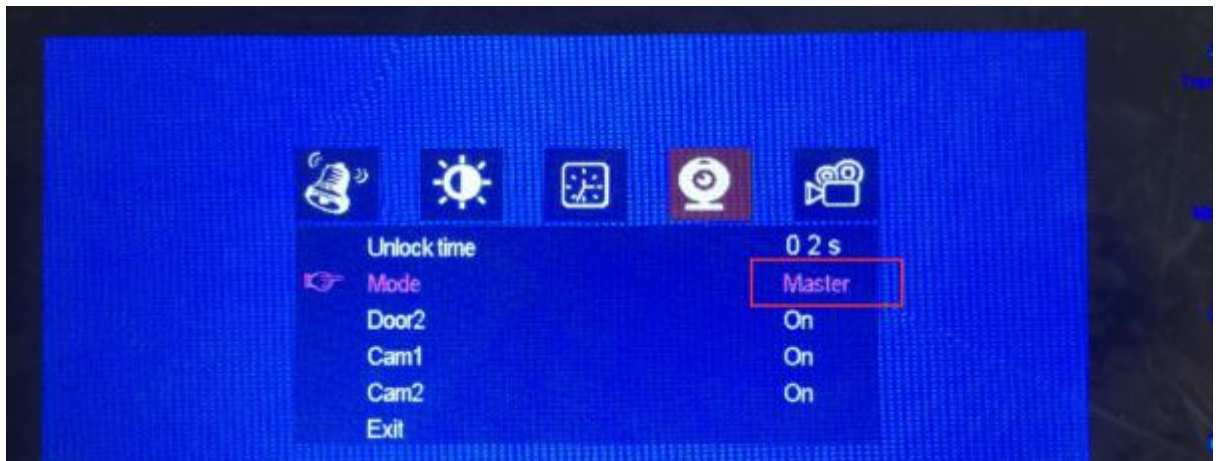
Connect "out port" from the Master monitor to the "in port" of the Slave monitor.
Connect "out port" from the last monitor to the "in port" of the next monitor.



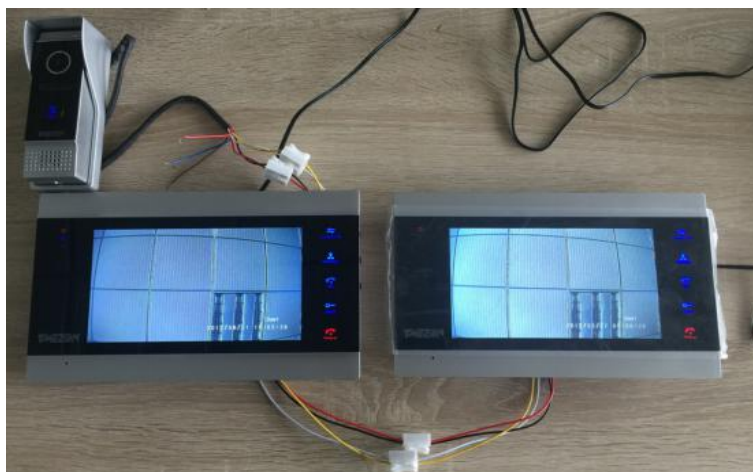
Change the mode "Master" to "Slave" for all the slave monitors

All the monitor we set as the "Master" in the system when they out of factory, when you want to connect 2 or more monitors, the first monitor(connect the doorbell one) still as "Master", but you need to change other monitor as the "Slave" in the system.

You can press the button on the side of the monitor to access the setting change the "Slave" mode.




3. When you finish above setting, if you press the doorbell and all the monitors will ring and you can see the the camera.



4. About Extension cables

We don't provide the extension cables in the box. But you can use the RVV4(4 core cable) or cat5/cat6/RG45 to extend the distance between the monitor-doorbell, or monitor-monitor.

 Use and selection of wire, please refer to the following. (The actual effect and the quality of wire rod has the very big relations)

1. 4C ordinary unshielded and shielded wire connection mode:

Distance $\leq 28\text{m}$ ($4 \times 0.2\text{mm}^2$); Distance $\leq 50\text{m}$ ($4 \times 0.3\text{mm}^2$); Distance $\leq 80\text{m}$ ($4 \times 0.5\text{mm}^2$)

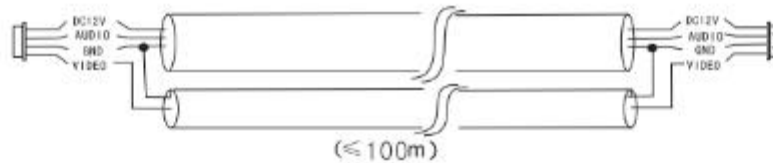


Unshielded wire ($\leq 50\text{m}$)



Shielded wire ($\leq 80\text{m}$)

2. 3C ordinary unshielded + video wire (75-3) connection mode:

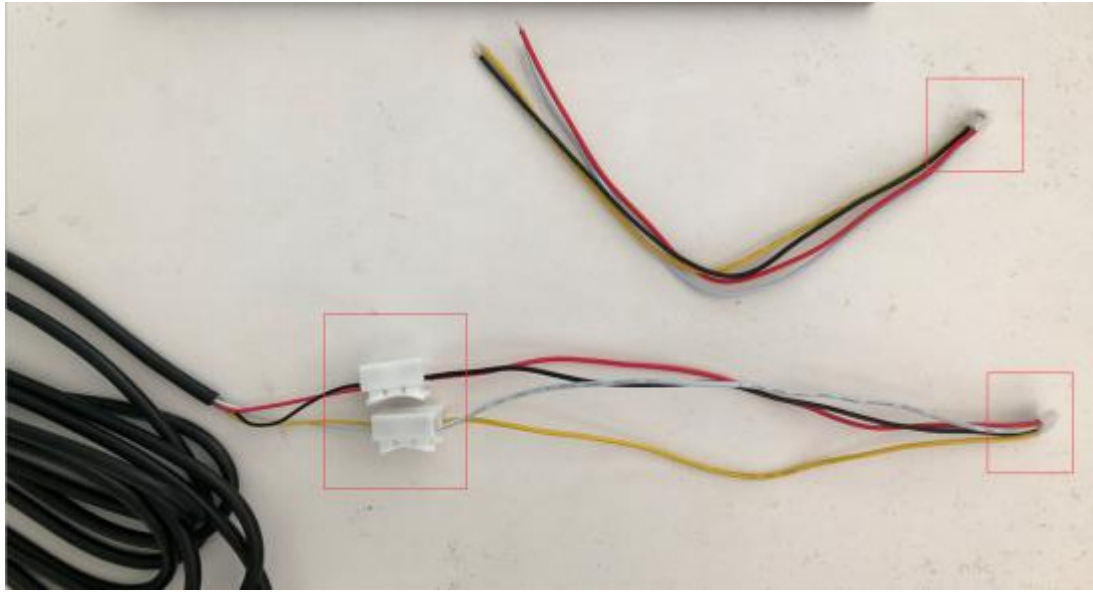


If you want to extend the distance over 50m, even 100m, it is better for you choose a thick core cable.

RVV4 (4 core cable) extension cables



If your 4 core cable doesn't built with the white terminal,you can connect with the 4 core connector we provided in the box and then connect to the monitor.



Connect monitor and doorbell



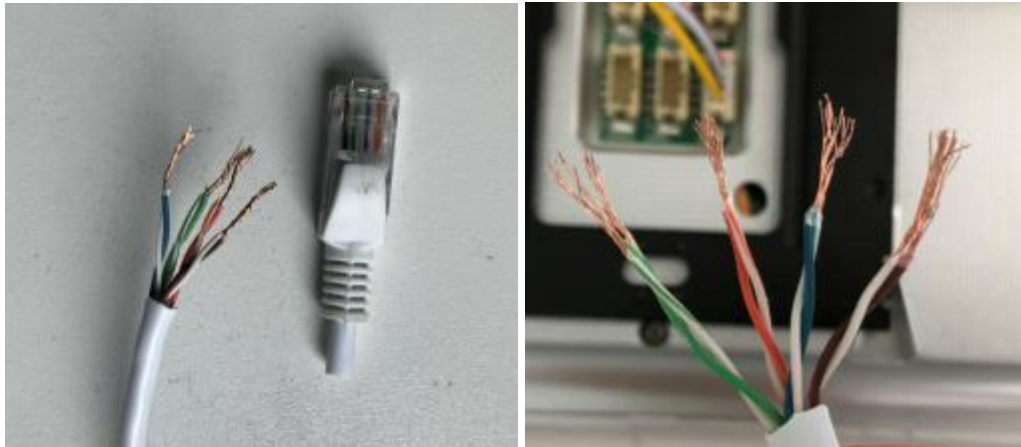
Connect monitor and monitor



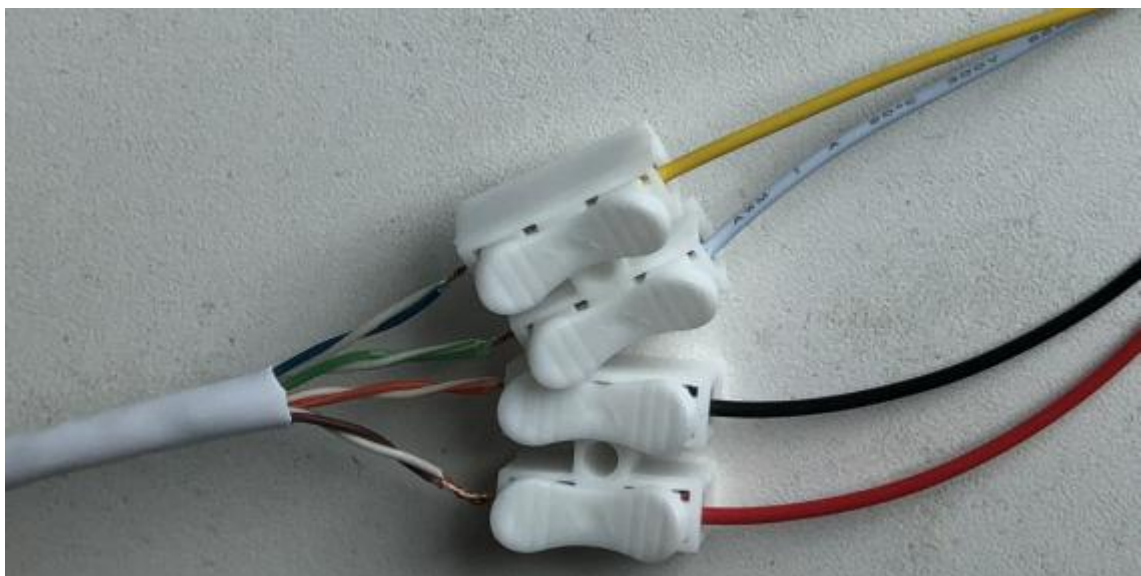
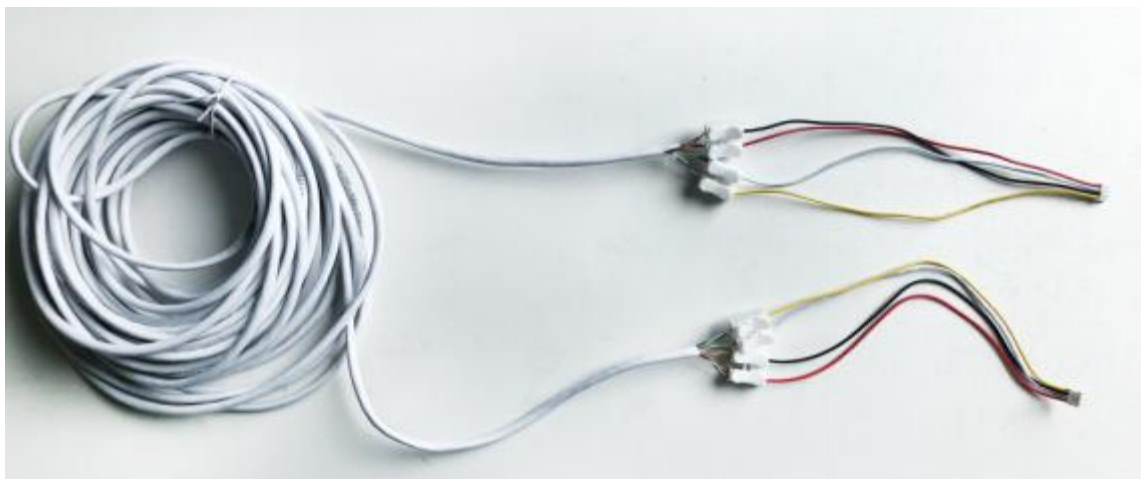
Cat5,cat6 network extension cables
Cut the RJ45 port



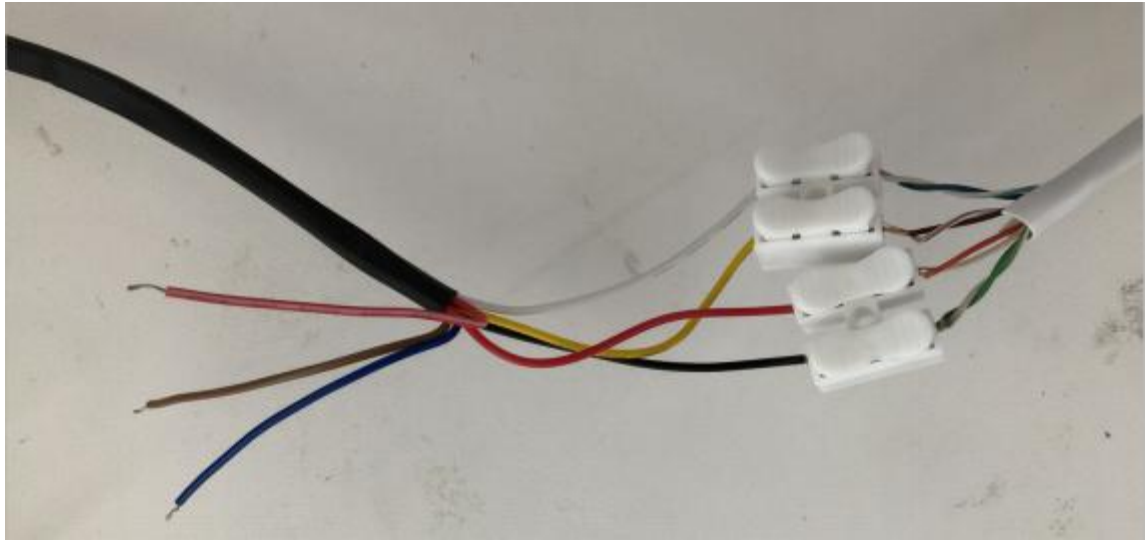
There are 8 wires(4 pairs) in the cat5/cat6, we let two wires twisted into one cable to use. Green+green&white, Orange+orange*white, Blue+blue&white, Brown+brown&white



Connect with the 4 core connector, please make sure the 4 wires connections at both ends are consistent.



Connect to doorbell



Connect between 2 monitors



Monitor model: MZ-VDP-739EM+MZ-VDP-NE120			
The outdoor unit will not ring when press the call button, but if one cable is disconnect, it will be like as below:			
	cable is disconnect (color)	Doorbell	Monitor
1	White (Audio)	Light on	Not ring, no video, can not talk. But can view the video when press the "monitor" button.
2	Yellow (Video)	Light on	Ring, no video, can talk
3	Black (GND)	Light on	Ring, no video, can not talk
4	Red (12V)	Light off	Ring, no video, can not talk
5	connect the red & white as Red cable for mistake	Light off	Ring, video is worked, can not talk
6	If you cross connect the yellow and white cable by mistake	Light on,	Ring, no video, can not talk.