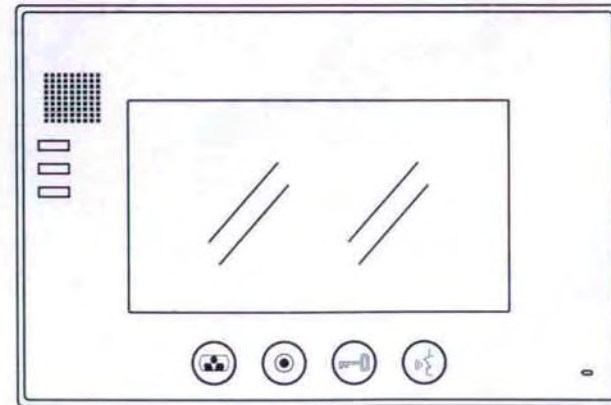



Operation and Installation Manual

For 670 series touch button indoor monitors



VHD670

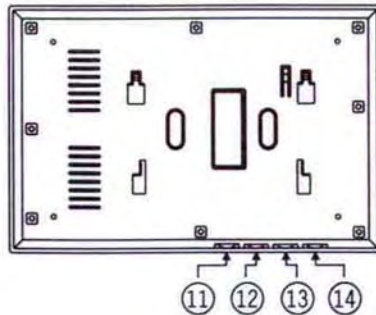
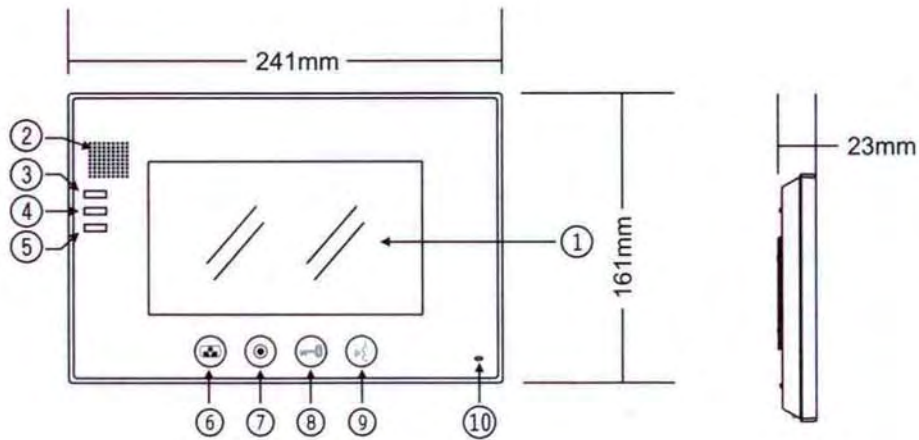
VOOK

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▶ Indoor monitor 2D drawing

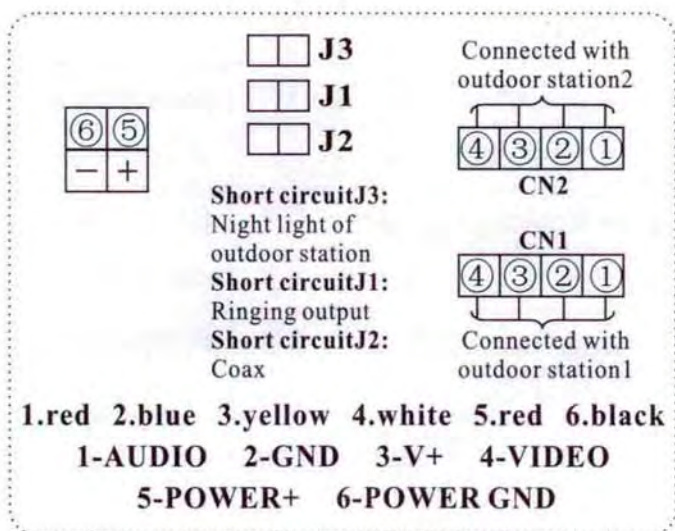


NO.	Function	NO.	Function
①	TFT	⑧	Unlock(Touch button)
②	Speaker	⑨	Talking(Touch button)
③	Power and talking indicator	⑩	Microphone
④	Door 1 calling indicator	⑪	Brightness
⑤	Door 2 calling indicator	⑫	Chroma
⑥	Monitor(Touch button)	⑬	Volume
⑦	Calling(Touch button)	⑭	Ring adjust

▶ Specification

Working condition	Temperature: -10 ~ +55℃
	RH ≤ 95%
Voltage	DC14.5V
Standby current	≤ 50mA
Working current	≤ 600mA
Mode	Dual transmission
Talking time	2 minutes

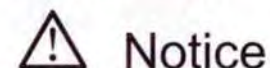
► Wiring diagram



CAUTION:

1. When connect more than one indoor monitor please short circuit J2 of the farthest monitor and disconnect J2 of the other monitors.
2. When connect more than one indoor monitor please short circuit J1 and J3 of the closest monitor and disconnect J1 and J3 of other monitors.

► Installation instruction

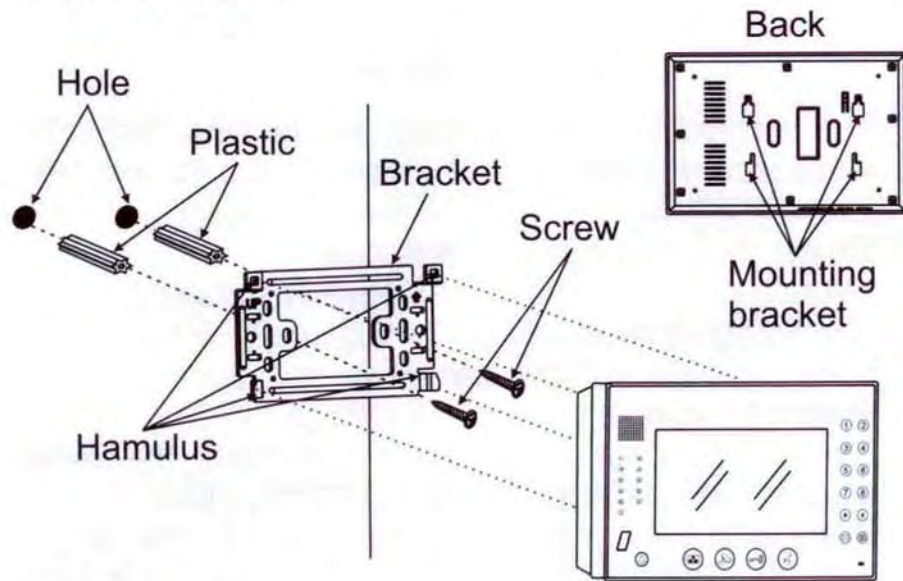


1. The installation place should be faraway from TV, video record player, PC etc. Electronic units with high intensity EMC.
2. Do not drop, knock or shake the unit.
3. Shut down the power for the unit while installing.
4. The wiring cable installation should keep 30 cm away from the high voltage cable as minimum distance, reducing the disturb from high voltage.
5. Before take power for the unit, recheck the wiring diagram and make sure done right connection.
6. Meet with unnormal phenomenon when the unit is working, cut down the power first and then do eliminate of defects.
7. Eliminate of defects after shut down the power, do check step by step from one unit to another unit, or do cross-test that means take substitute(a new one). After done above processings, if still has unknown defect, contact with our company for after service. Nonexpertive handing may damage the unit.

Installation processes

1. Position the location when the unit is to be mounted. Use the bracket to mark the accurately location point.
2. Use the screw anchors to fill the drilling hole, and screwing fasten the bracket to the wall.
3. According to the wiring diagram and do right connection.
4. Mounted the unit to the bracket.

Installing diagram

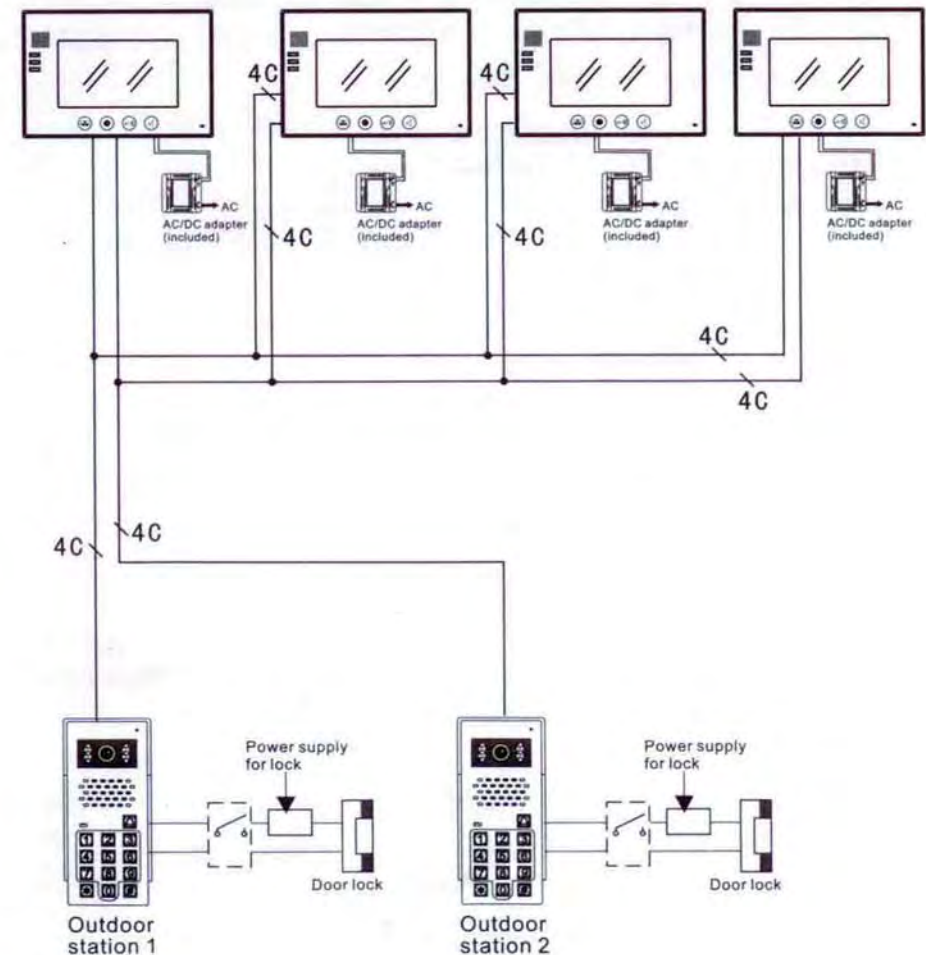


INSTRUCTION:

1. Cables of LCC system:
 - ① Non-wired cable.
 - ② Diameter $\geq 0.5\text{mm}^2$, from outdoor station to the farthest monitor distance $\leq 70\text{m}$.
2. Each monitor should be parallel connected. One monitor can be extended 3 monitors as maximum extension. One monitor can be connected 2 outdoor stations as maximum.
3. Handset monitor only has 2 functional buttons. Hand-free monitor only has 2 functional buttons, not available for transferring-call function.
4. Built-in power supply video door phone can working with input AC voltage directly. Non-built-in power supply needs plus a power supply the specification is DC 14.5V 1.3A.

LCC SYSTEM CONFIGURATION DIAGRAM

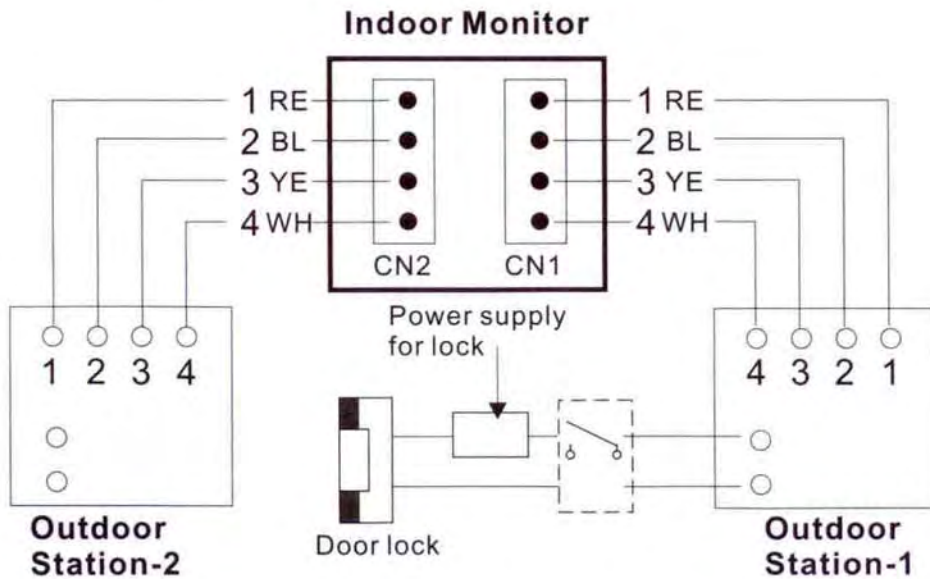
- LCC SYSTEM WITH TWO ENTRANCE
Indoor monitor external power supply



SYSTEM DIAGRAM




► Wiring connections

1. Red 2. Blue 3. Yellow 4. White
 1-Audio 2-GND 3-V+ 4-Video





OPERATION

► Visitor calling




Visitor press the call button of outdoor station, all indoor monitor showing the indicator of the outdoor station position and ringing, and visitor image on the indoor monitor display panel. Press the button  of any indoor monitor, start talking, same time, other indoor monitor can press the button  achieve to third-party call, repress the button  of any indoor monitor close the talking and all display of all indoor monitor closed. Max talking time lasts 2 minutes, no answer, calling last 1 minutes. One-one talking mode, means one indoor monitor talk to one outdoor station, other indoor monitors will just show the visitor, at same time, press the call button from other outdoor station, one-one talking will cut, and the latest called outdoor station start talking to the indoor monitor. Corresponding indicator flashing in case outdoor station calling.


► Unlocking

Calling from outdoor station to indoor monitor, the indoor monitor will be ringing and talking indicator LED on, the visitor's image will be displayed on the screen. Press the button  for unlocking the door.



In monitoring mode, press the button  for unlocking the door.

► Monitoring

In standby mode, press the button  , meanwhile Door 1 indicator of indoor monitor flashing and showing the scenery of Door 1 outdoor station's camera. Press the button  again, will show scenery of Door 2 outdoor station's camera. Press the button  third time, close monitoring. Without the third press, monitoring will be closed in 1 minutes automatically.

In monitoring mode, press the button  on indoor monitor can start audio monitoring. Monitoring mode last 1 minutes and each indoor monitor independently of each other.

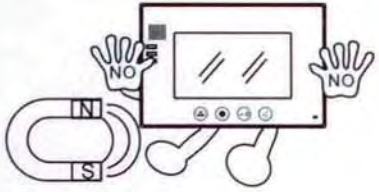
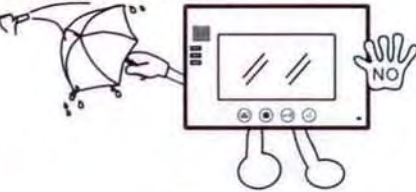
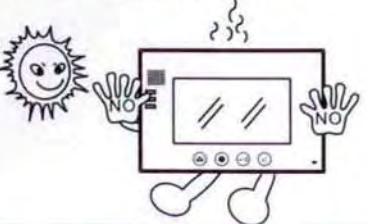

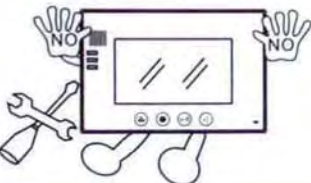
► Indoor monitor call transferring

In case press the call button on outdoor station, all indoor monitor ring, can be pressed any indoor monitor button  for talking, also can be pressed the button forward the calling for other indoor monitor, the indoor monitor you pressed the button  close the talking and standby.

Notes:

1. In LCC system, in case be connected multi-indoor monitors, just the farthest indoor monitor J2 needs ON, others' keep default setting.
2. J1 turns ON and the outdoor station has ringing tone, or else, has no voice.
3. J2 turns ON means the outdoor station nightlighting on, or else, nightlighting function closed.

Notice

<p>1. Do not put the unit near the magnetic area such as television, video recorder etc.</p> 	<p>2. Keep the unit dry, humidity and all types of liquids or moisture contains mineral that will corrode electronic circuits.</p> 
<p>3. Do not put the unit in hot areas. high temperatures can shorten the life of electronic device.</p> 	<p>4. Do not drop, knock or shake the unit.</p> 
<p>5. Do not attempt to open the unit. Nonexpert handing may damage the unit.</p> 	<p>6. Do not use the wet dishcloth or the volatile cleansers to clean it.</p> 