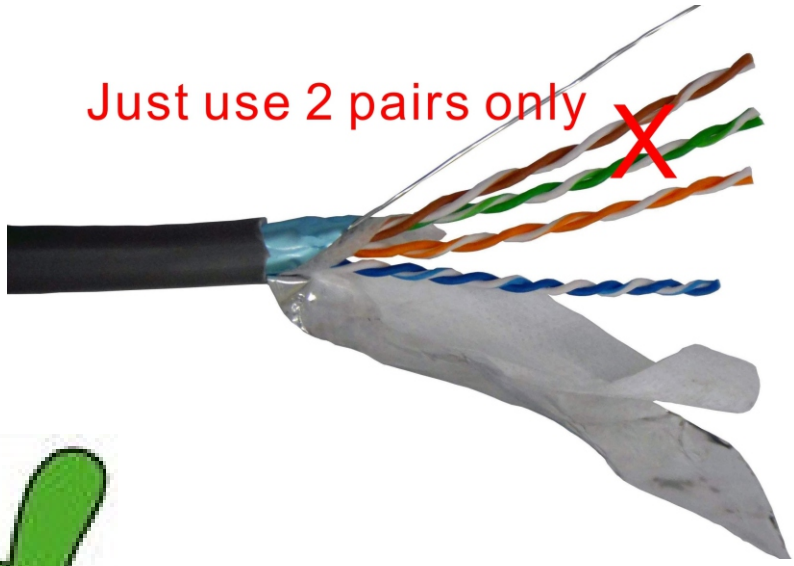
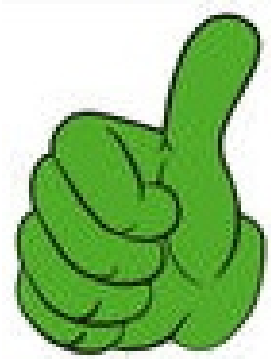
915 2-wire video doorphone system

User Manual
Villa Type

The Cable Specifications of 915 2-wire System

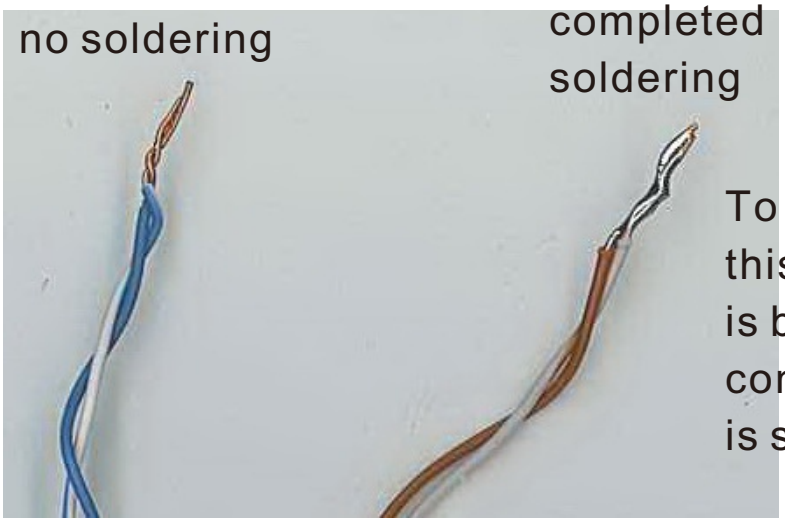




CAT 5e STP
with shield(aluminum foil)
anti-interference

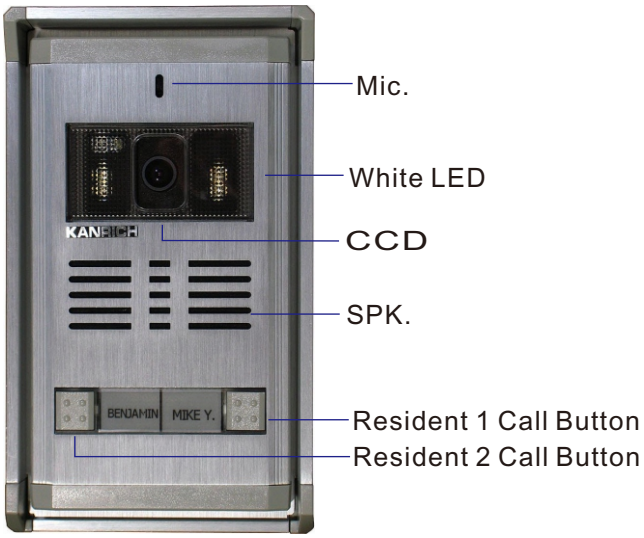
Quality is the best and the distance
up to 100M is still good ,with power line
together without signal/video interference.

Please pay much attention , there are 4 pairs in CAT5e , just use 2 pairs of them , other 2 pairs never to use it .

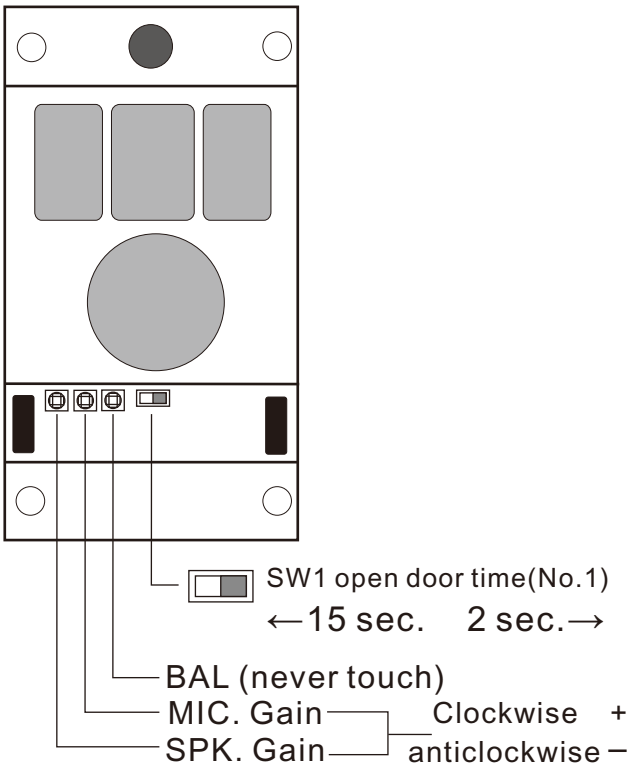


To solder 2 cores connection point , this way can prevent single core is broken and make the wire connection
is stable .

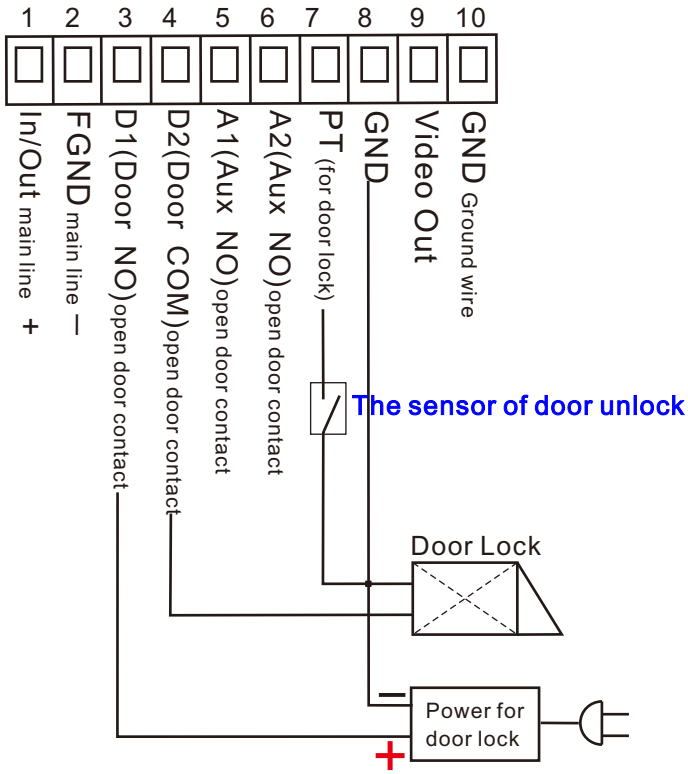
915C10AL Color Aluminum Camera



Inside View



Terminals



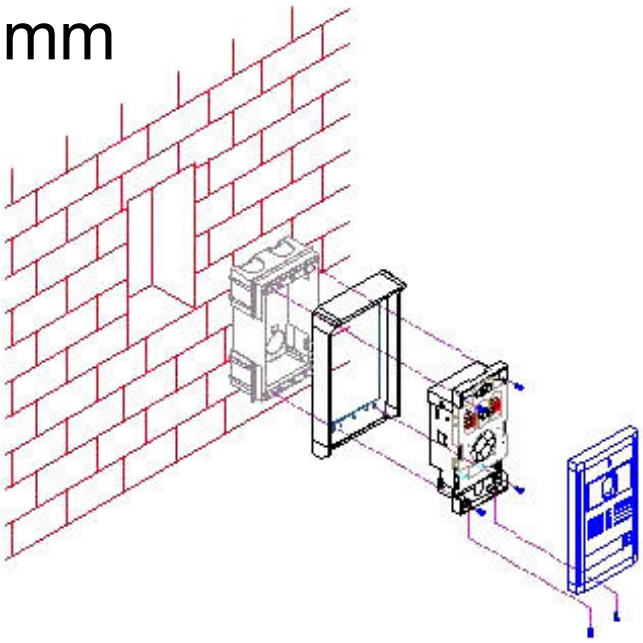
(The power of door lock must be an independent power, door phone power can't share power with door lock.)

Specifications :

Working Voltage : DC 15V from PH-915P
Current Consumption: Standby 60mA
Working 250mA
CCD: Color Sony 1/3" Board Camera
Resolution: 510(H) x 492(V)
Signal Noise Rate : More than 48db
Picture Pixels: 270,000 Pixels
Ilumination : 4 white LEDs
Communication Interface :
the modulated carrier wave signal
Installation Way : Flush Mounting Type or
Surface Mounting Type
Front Material : Aluminum Panel
Dimensions : 200(H)/120(W)/55(H) mm
Weights: 570 gs
Measurement: 0.07 cuft
Accessories: Terminal connector *1
screw bag *1

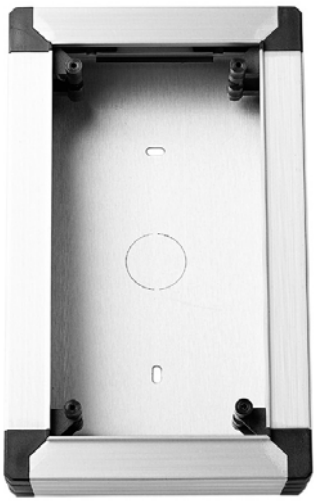
Flush Pre-box for model "AL" Camera

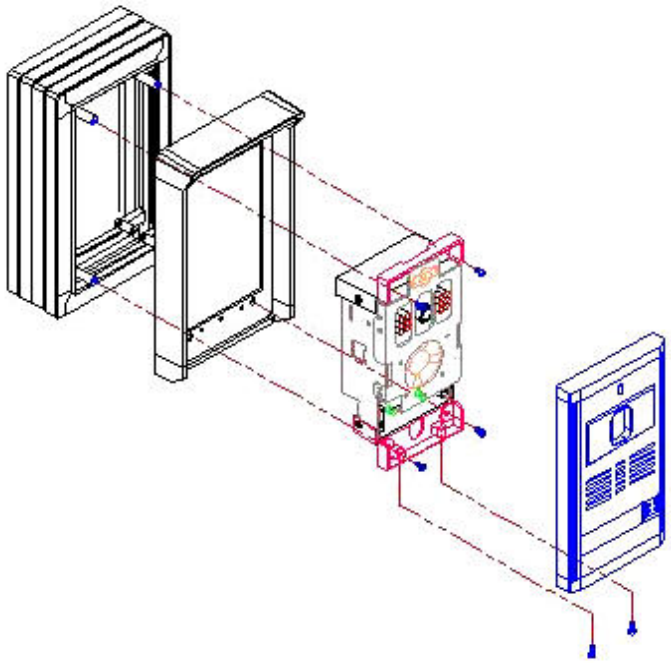
175/105/60mm



Surface Pre-box for model "AL" Camera

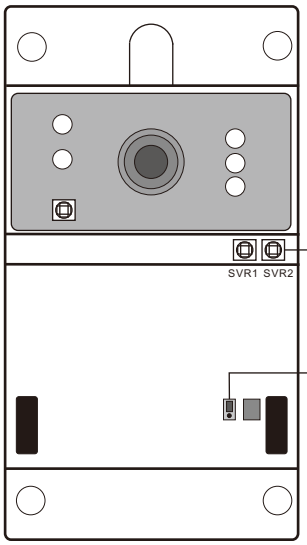
210/125/60mm





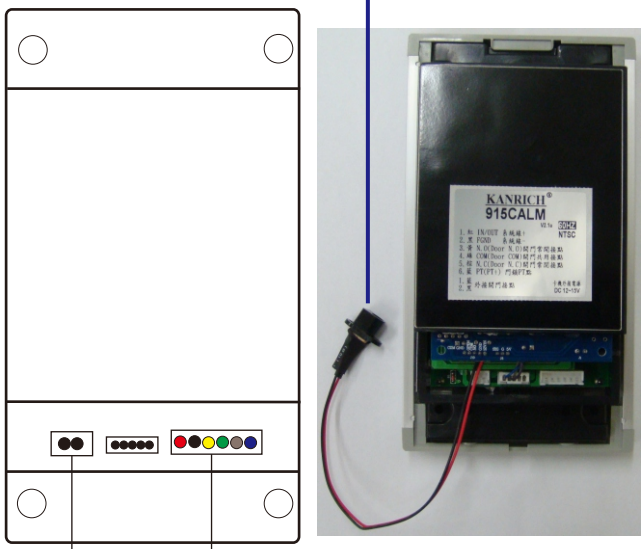
915CAL Aluminum Camera with CCD
915CALM Aluminum Camera & Mifare Card Reader

Inside View



Please connect an external power to Mifare card reader

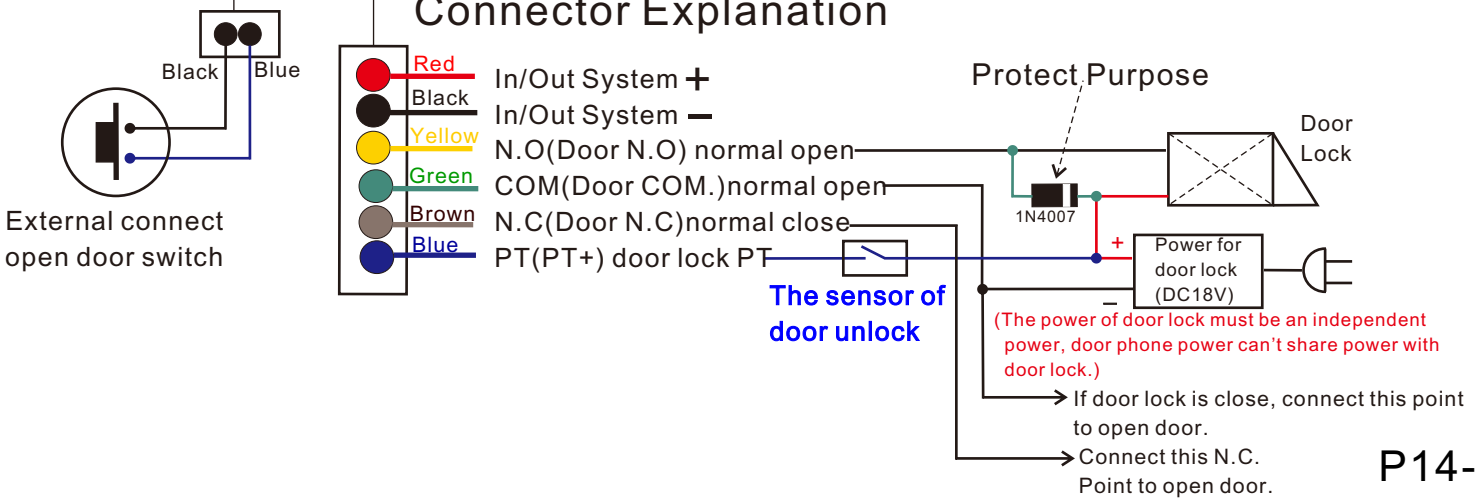
Rear View



Specifications :

Working Voltage : DC 15V from PH-915P
Current Consumption: Standby 110mA
Working 320mA
CCD: Color Sony 1/3" Board Camera
Resolution: 510(H) x 492(V)
Signal Noise Rate : More than 48db
Picture Pixels: 270,000 Pixels
Ilumination : 2 white LEDs
Communication Interface :
Installation Way : Flush Mounting Type or
Surface Mounting Type
Front Material : Aluminum Panel
Dimensions : 200(H)/120(W)/55(H) mm
Weights: 570 gs
Measurement: 0.07 cuft
Accessories: 2-pin white connector*1
6-pin white connector*1
diode N4007 *1
Screw bag*1

Connector Explanation



The user guide of Card Reader For CALM - Villa Type

To add new cards:

1.To add cards:

By Master REG (The Master Card for registering a new card or cards)

Steps: To swipe Master REG one time--beep--green light flashing
--swipe new card(or cards)--beep in twice
Successfully register new card (or cards), if you want to
stop adding cards,
just swipe Master REG one time --beep--green light off--finish.

2.To **delete** cards:

By Master DEL (The Master Card for deleting a new card or cards)

Steps: To swipe Master DEL one time--beep--red light flashing
--swipe the card(or cards) want to be deleted--beep in twice
Successfully delete a card (or cards), if you want to
stop deleting cards, just swipe Master DEL one time
--beep--red light off--finish.

Mifare Key Tag

Please add "00" before the 8-digit number to be 10-digit.

915M35 3.5” Handsfree Color Monitor

Handsfree Talking / Monitoring Button

Handsfree Talking button: Press it for getting a call and talking .
After talking press it again for finish.

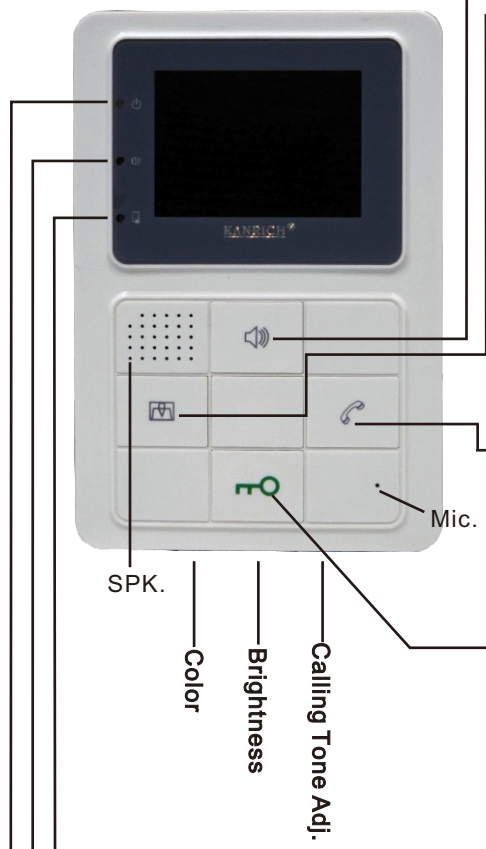
Monitoring button :Press it to start monitor screen and monitor door camera situation and also to talk with camera ,press it again for finish.
The talking time limitation is 180 sec.

Code setting button/Main monitor & Sub monitor setting button

Code setting button : When doorphone system is standby and press " + ", you will hear "Du" on 915M35 and on camera ,too.
Please enter "monitor code"on camera immediately , 915M35 will get this call and send "Ding-Dong" , it means a successful code setting .

Main monitor-Sub monitor setting button : Hold this button 8 sec. at least , you will hear a high-pitch “Du", it means to set main monitor successfully. Then, hold this button 8 sec. at least , you will hear a deep "Du" , it means to set sub monitor successfully.

PS. One apartment only can set one main monitor, if you set 2 main monitors in one apartment , camera can't call monitor normally ,the doorphone system will happen problem ,camera can't make a call to this apartment .



Intercom Button/ NO Contact Point

Intercom Press this button to intercom and talk with other monitors in this apartment .

NO Contact Point When monitor screen is started , press this button and drive this contact point in camera then to start other devices.

Door Release Button /Code setting button

Door Release Press " " this button for opening door.

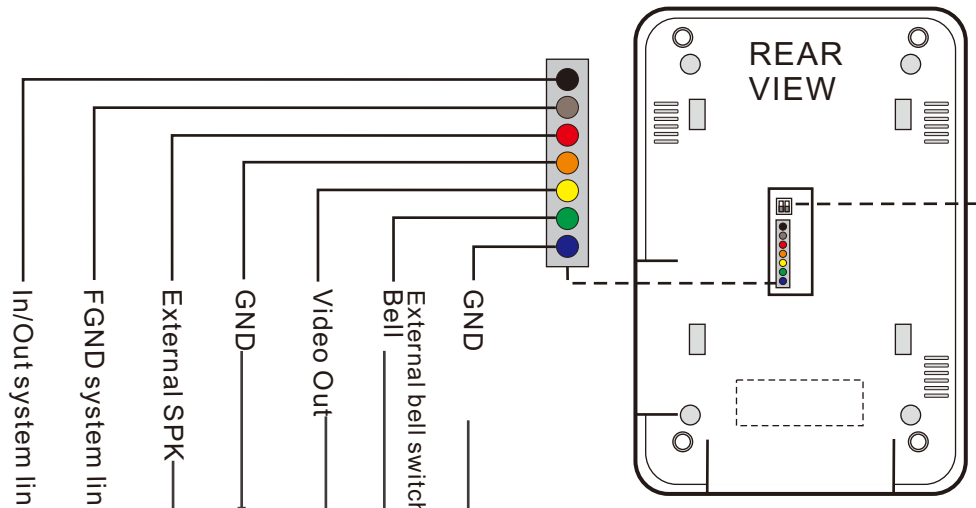
Code setting button : When doorphone system is standby and press " + ", you will hear "Du" on 915M35 and on camera ,too.
Please enter "monitor code"on camera immediately , 915M35 will get this call and send "Ding-Dong" , it means a successful code setting .

Door Status Indicator : The red LED constantly lights on , it means the door is open, the red LED lights off , it means the door is close .

“In Use" indicator / Intercom call Indicator(Red):
The red LED constantly on, it means one of residents is using this doorphone system, please wait this resident finishing talking then to use it .

Intercom Indicator : This indicator is flashing , it means intercom function is started.

Power Indicator : The Blue LED constantly lights on.



To connect all monitors in the same house.

Accessories
1. 7-pin connector 1
2. Bracket 1
3. Screw bag 1

Specifications :
Working Voltage : DC 15V from 915P
Current Consumption: Standby 40mA
Working 300mA
Resolution: color 3.5” 320(H) x 240(V)
Communication Interface :
the modulated carrier wave signal
Installation Way : Surface Mounting Type
Front Material : ABS
Dimensions : 189.5(H)/129.5(W)/30(H) mm
Weights: 310 gs
Measurement: 0.3 cuft

915Mi 4" Handsfree video monitor

Buttons/Indicators

Resident Code setting button

When doorphone system is standby and press " + ", you will hear "Du" on monitor and on camera ,too. Please enter "monitor code" on camera immediately , monitor will get this call and send "Ding-Dong" , it means a successful code setting .

"in use" indicator

The red LED constantly on, it means one of residents is using this doorphone system, please wait this resident finishing talking then to use it .If you find this indicator is flashing in operation ,please press " " twice , let system return to "standby" status .

Door Release 2

When monitor screen is started , press " " for opening another door lock of another door.

Door Release 1/Code setting button

Press for opening door lock of door no. 1 .

Door Status Indicator

The red LED constantly on , it means the door no.1 is open, the red LED lights off ,it means the door is close .

Handsfree Talking

Press for getting a call and talking , press one more time for off line.

The talking time limitation is 180 sec. If after talking , the resident forgot to press for finishing talking, the system will be off line automatically 180 sec. later .

Monitoring

Press to start monitor screen and monitor door camera situation and also to talk with camera , press one more time for finish.

TFT screen adjustment

Up : TFT screen adjustment buttons---CONTRAST / BRIGHTNESS / COLOR / RESET / EXIT

Middle : + adjustment +

Down : − adjustment −

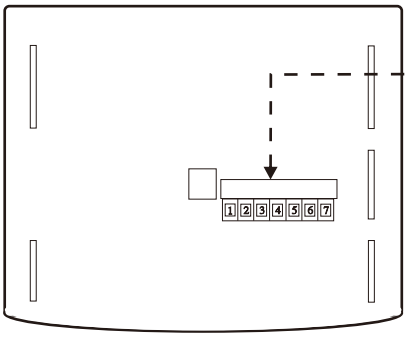
915Mi 4" Handsfree video monitor

Switch

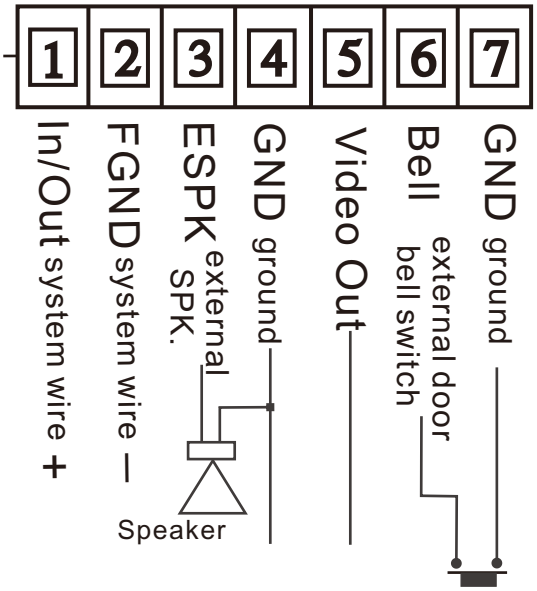
Video Dummy
swich up ----OFF
switch down ---ON

Ringing Tone Adjustment
Up --- volume increase
Middle --- volume middle
Down --- volume down

Monitor rear view



Terminals



Monitor code setting steps :

1. When doorphone system is standby and press " " + " ".
2. You will hear "Du" on monitor and on camera ,too.
3. Please enter "monitor code" on camera immediately , monitor will get this call and send "Ding-Dong" as well as the screen is started at the same time, press " " to close screen. It's a successful code setting .

Specifications

Working Voltage: DC15V from 915P
Current Consumption :
Stand-by 40mA, Working 300mA
Resolution: Color 4" 960(H)x234(V)
Communicating Interface:
the modulated carrier wave signal
Installation way: Surface mounting type
Material: ABS heat-resistant plastic
Dimensions: (H)140mm/(W)170mm/(D)35mm
Weights : 300gs
Measurement: 0.2 cuft

Accessories

1. Green terminal connector 1
2. Monitor Bracket 1
3. Screw Bag 1

2011 Sep.

915M7 7” Handsfree video monitor

Calling Tone Volume Knob ↑ +
Color Adj. Knob
Brightness Adj. Knob ↓ -

Side View

Power Indicator Power Indicator - green - power on

"in use" indicator / Intercom Indicator (Red)

This indicator is on - It means one of residents is using , please wait this resident finishing talking then to use . Green/Red mutual flashing, it means intercom function is started.

Door Status Indicator(Red)

The red LED constantly lights on , it means the main door is open, the red LED lights off ,it means the main door is close .

Intercom Button/ N.O. Contact Point

Intercom Press this button to intercom and talk with other monitors in this apartment .

N.O. Contact Point When monitor screen is started , press this button and drive this contact point in camera then to start other devices.

Call 915CC/Code setting button/Main monitor & Sub monitor setting button

Call 915CC : Press “ ” + “ ” to call control center and talk to the guard ; press “ ” again for finishing talk.

Code setting button : When doorphone system is standby and press “ ” + “ ”,you will hear "Du" on 915M7 and on camera ,too. Please enter "monitor code"on camera immediately , 915M7 will get this call and send "Ding-Dong" , it means a successful code setting .

Main monitor-Sub monitor setting button : Hold this button 8 sec. at least ,you will hear a high-pitch “Du", it means to set main monitor successfully.Then, hold this button 8 sec. at least , you will hear a deep "Du",it means to set sub monitor successfully.

PS. One apartment only can set one main monitor, if you set 2 main monitors in one apartment ,camera can't call monitor normally ,the doorphone system will happen problem ,camera can't make a call to this apartment .

Door Release Button /Code setting button

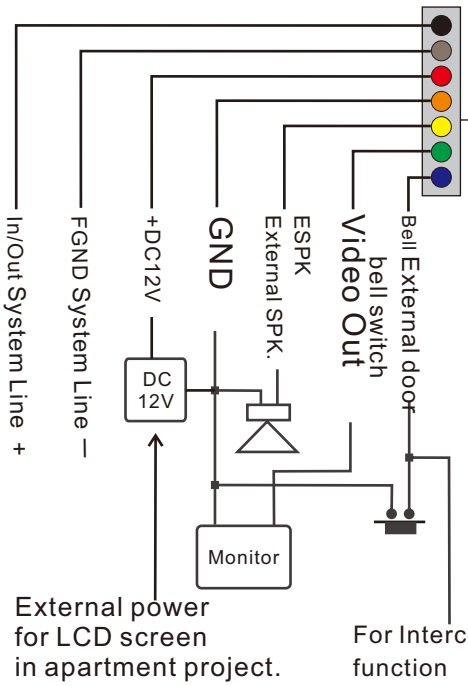
Door Release Press “ ” to open the door.

Code setting button : When doorphone system is standby and press "this button + code setting button", you will hear "Du" on 915M7 and on camera ,too. Please enter "monitor code"on camera immediately , 915M7 will get this call and send "Ding-Dong" , it means a successful code setting .

Handsfree Talking / Monitoring Button

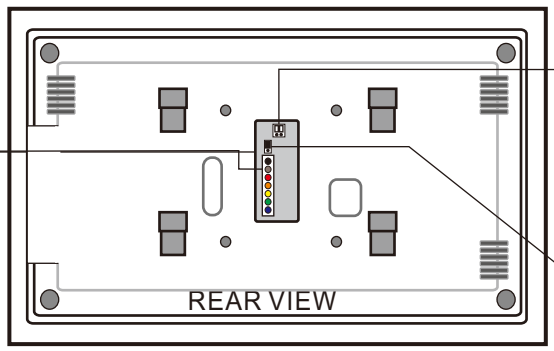
Handsfree Talking button: Press for getting a call and talking . After talking press again for finish.

Monitoring button :Press to start monitor screen and monitor door camera situation and also to talk with camera ,press again for finish. The talking time limitation is 180 sec.



External power for LCD screen in apartment project.

For Intercom function



LCD screen power setting

Please pay attention to the direction of short pin.

The LCD screen power is from the main line (for single house project)

The LCD screen power is from external DC12V power (for apartment project)

Dummy Load

OFF

ON

Specifications

Working Voltage: DC15V from 915P
Current Consumption : Stand-by 40mA,
Working 170mA(the power of LCD screen is from external DC12V)
Working 450mA(the power of LCD screen is from main line of doorphone)

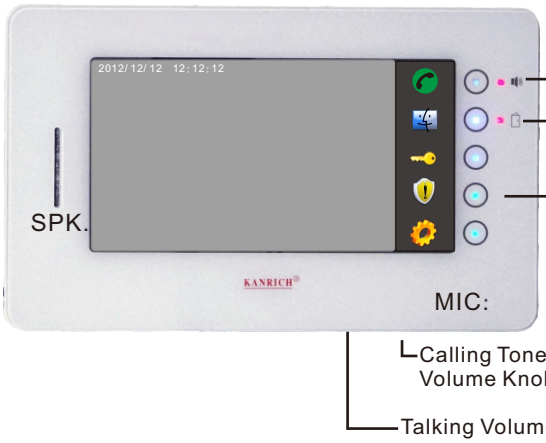
Resolution: Color 7” 800RGB(H)x480(V)
Installation way: Surface mounting type
Material: Aluminum & ABS heat-resistant Plastic
Dimensions: (H)150mm/(W)235mm/(D)28mm
Weights : 700gs
Measurement: 0.35 cuft

Accessories

1. 7-pin connector 1
2. Monitor Bracket 1
3. Screw Bag 1

915M7b 7” Touch Pad Handsfree video monitor

Clock when the screen on and time is display, access to toolbar and choose for adjusting time.



"in use" indicator / Intercom Indicator (Red)

The red light on - It means one of residents is using ,please wait this resident finishing talking then to use .
The red light flashing, it means intercom function is started.

Door Status Indicator / picture indicator(Red)

The red light on constantly, it means the main door is open, the red light off, it means the main door is close .
The red light flashing, it means the new picture coming.

Touchpad

In standby status,only the first key(top one) has indicator, just touch it on touch area, all 5 touch keys with 5 indicators on and screen on immediately. Please touch the touch key according to icon(on the left view of touchpad).

Code setting/Main monitor & Sub monitor setting

Code setting : When system is standby and touch " + ",you will hear "Du" on 915M7b and on camera ,too. Please enter "monitor code"on camera immediately , 915M7b will get this call and send "Ding-Dong" , it means a successful code setting .

Main monitor-Sub monitor setting : Keep touching 8 sec. at least ,you will hear a high-pitch “Du", it means to set main monitor successfully.Then, keep touching 8 sec. at least , you will hear a deep "Du",it means to set sub monitor successfully.

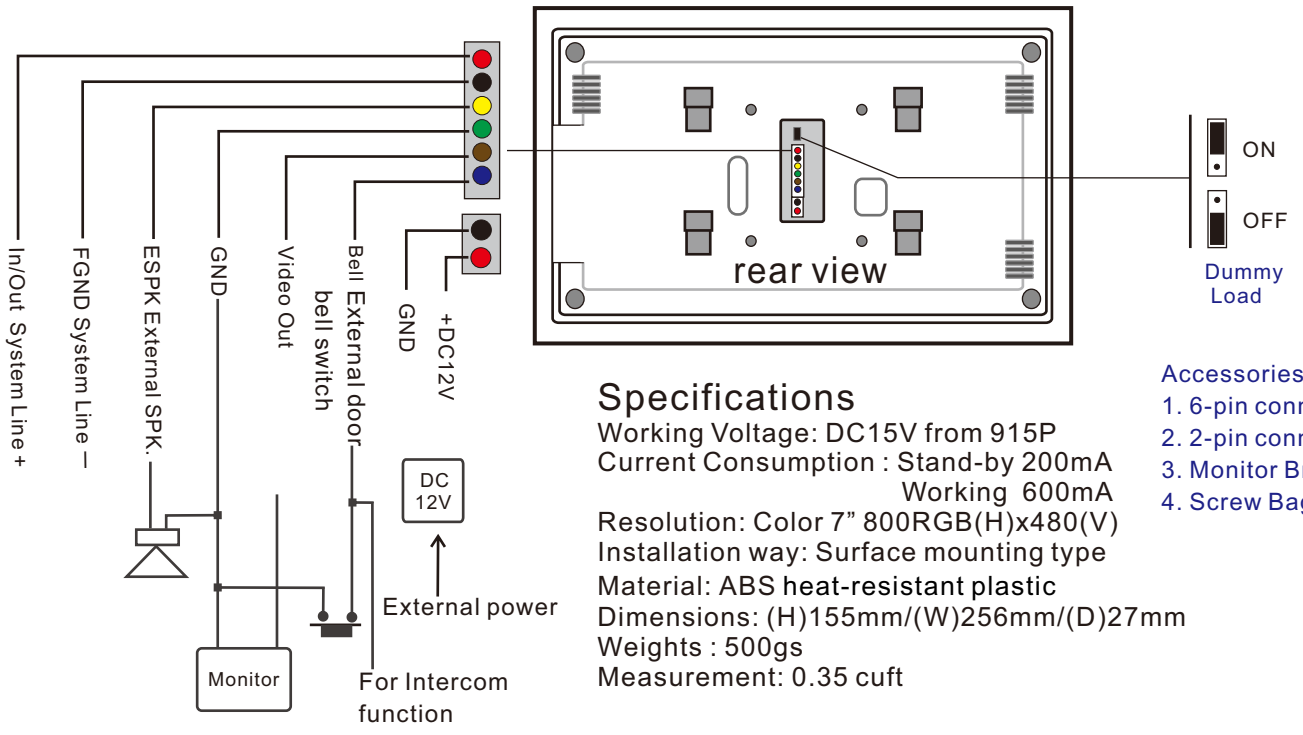
PS. One apartment only can set one main monitor, if you set 2 main monitors in one apartment ,camera can't call monitor(You can hear “Ding-Dong” on monitor but no video).
The same problem will be happened when the system is no “main monitor” setting .

Monitor on or operate something then return to “Home Screen”, within 10 sec. without next operation, the screen will be off and return to standby status. If you need further information, please access to , touch and get more informaton(next pages) by touch and .

Adjust clock : The clock is on the upper left side , access to and touch for adjusting time .
Adjust brightness : Access to and touch for adjusting brightness .

Check pictures or change picture quantity : Access to , touch SD for choosing 0/1/3 .

PS.1. The period of taking picture, all buttons are locked temporarily till finish taking picture.
2. Automatically take picture set "3" - "go out" mode - one call , take 3 pictures ;
set "1" - "at home" mode - one call, take 1 picture ;
set "0" - "no picture" mode , no tate picture.
3. Due to the period of taking picture, all buttons are locked temporarily. When camera call monitor and start to take a picture, you have to wait till finish "take a picture" then talk with monitor . The waiting time is about 12 sec. from calling to finish taking a picture.

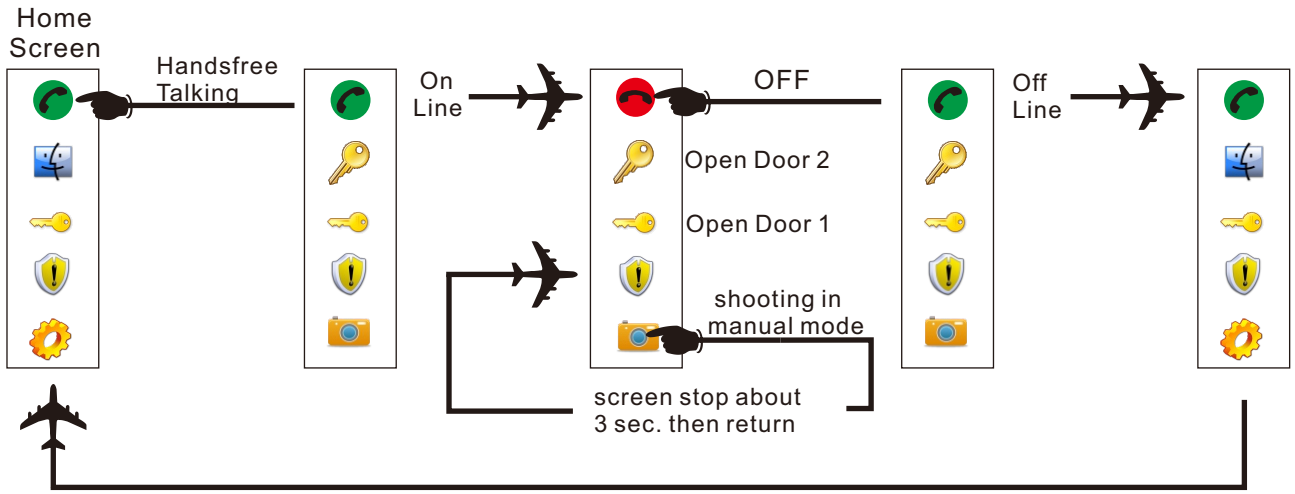


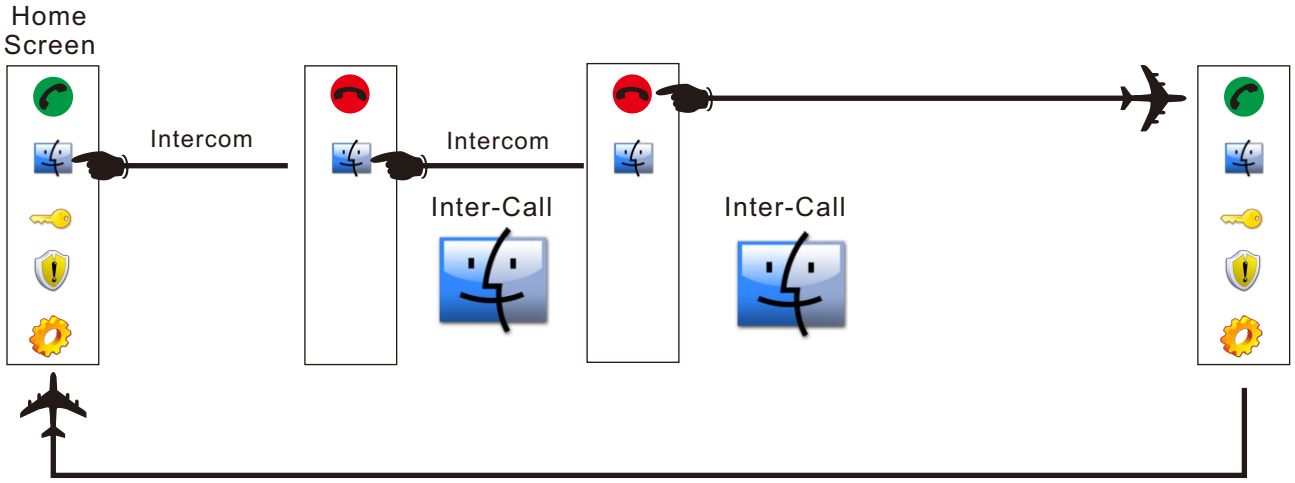
Specifications

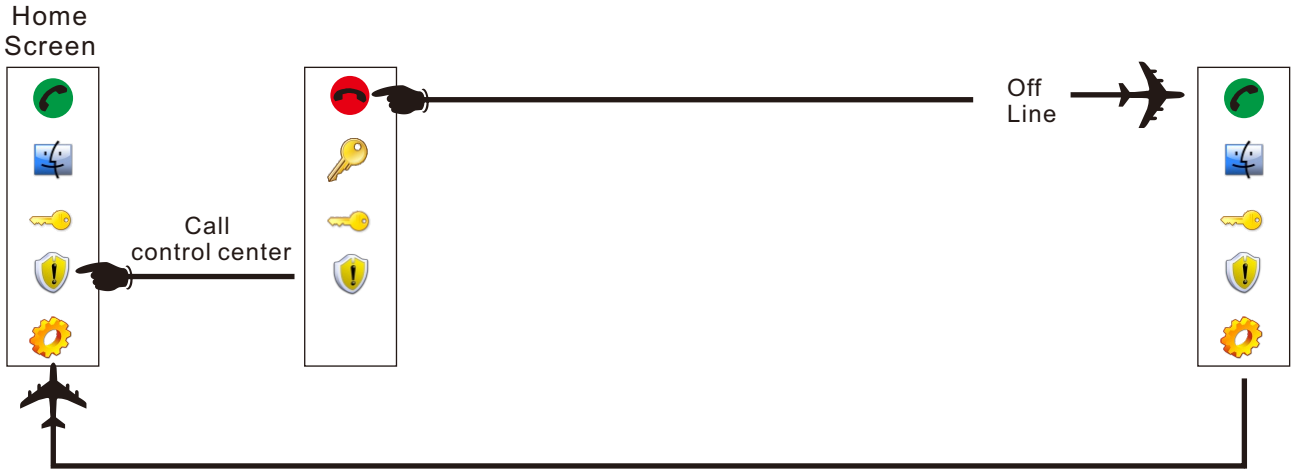
Working Voltage: DC15V from 915P
Current Consumption : Stand-by 200mA
Working 600mA
Resolution: Color 7” 800RGB(H)x480(V)
Installation way: Surface mounting type
Material: ABS heat-resistant plastic
Dimensions: (H)155mm/(W)256mm/(D)27mm
Weights : 500gs
Measurement: 0.35 cuft

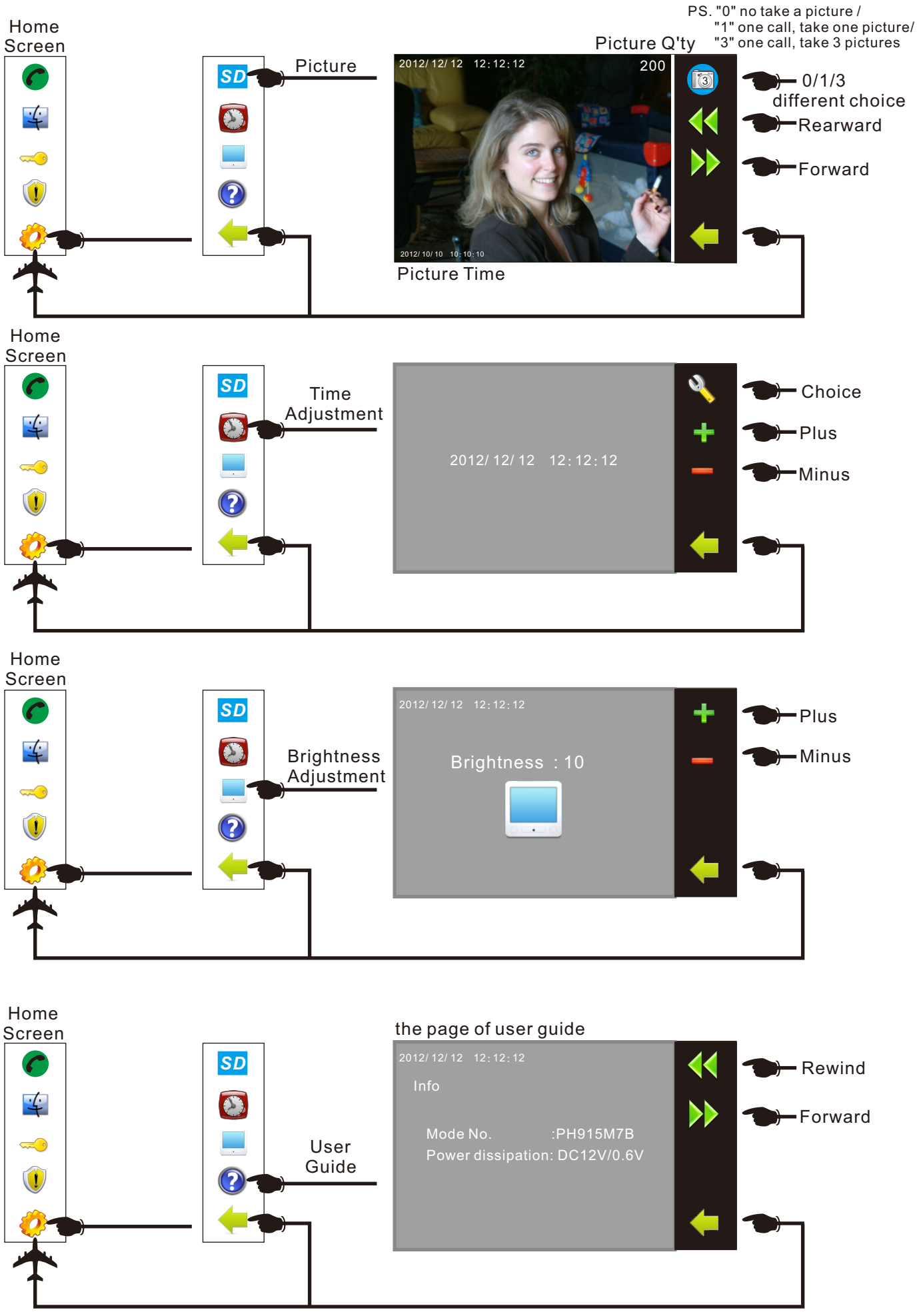
Accessories

1. 6-pin connector 1
2. 2-pin connector 1
3. Monitor Bracket 1
4. Screw Bag 1


Home
Screen
Handsfree
Talking
On
Line
OFF
Open Door 2
Open Door 1
shooting in
manual mode
screen stop about
3 sec. then return
Off
Line


Home
Screen
Intercom
Intercom
Inter-Call
Inter-Call


Home
Screen
Call
control center
Off
Line


Home Screen
Picture
PS. "0" no take a picture /
"1" one call, take one picture/
"3" one call, take 3 pictures
Picture Q'ty
2012/ 12/ 12 12:12:12
200
2012/ 10/ 10 10:10:10
Picture Time
0/1/3 different choice
Rearward
Forward
Home Screen
Time Adjustment
2012/ 12/ 12 12:12:12
Choice
Plus
Minus
Home Screen
Brightness Adjustment
2012/ 12/ 12 12:12:12
Brightness : 10
Plus
Minus
Home Screen
User Guide
the page of user guide
2012/ 12/ 12 12:12:12
Info
Mode No. :PH915M7B
Power dissipation: DC12V/0.6V
Rewind
Forward

915M3 Audio Handset

Resident Code Setting / Main Handset & Sub-Handset Setting

1. Resident Code Setting

When doorphone system is standby and press " + ", you will hear "Du" on 915M3 and on camera, too. Please enter "resident code" on camera immediately, 915M3 will get this call and send "Ding-Dong" , it means a successful code setting .

2. Main Handset or Sub-Handset Setting

Press this button 8 sec. at least and you will hear a high-pitched “Du”, this handset is set as main handset .
Press this button 8 sec. at least and you will hear a low-pitched “Du”, this handset is set as sub-handset .
To identify the “Du” is high-pitched or “low-pitched” as main or sub handset.
If there are 2 monitors(915M) or “monitor(915M) + audio handset” in one house, it is necessary to set main monitor and sub-monitor(handset) because one house only allow one main monitor, other monitors(handsets) are sub-monitors(handsets).

Intercom / Door Release - 2

1. Intercom

Pick up the handset and press this button and talk with another monitor(or handset), the talking time is 3 min. Hang up the handset and finish talking.

2. Door Release - 2

When a calling is from camera, pick up the handset and press this button to open the 2nd door .

Door Release -1 / Resident Code Setting

1. Door Release - 1

When a calling is from camera, press this button and pick up the handset to open the 1st door.

2.Resident Code Setting

When doorphone system is standby and press " + ", you will hear "Du" on 915M3 and on camera, too. Please enter "resident code" on camera immediately, 915M3 will get this call and send "Ding-Dong" , it means a successful code setting .

Handset

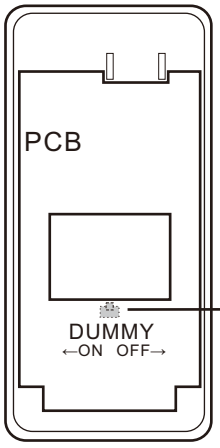
Pick up the handset and talk with camera or other monitors when you hear the ringing tone, the talking time limitation is 180 sec.
When you are talking with camera, an intercom call coming, please hang up the handset first then pick up the handset again for getting this intercom call.

Power Indicator
On - Green

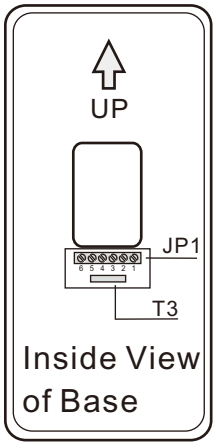
In Use / Intercom Indicator
On - Red :
System in using, after Led off then to use.
Flashing - Red :
Intercom in using, after Led off then to use.

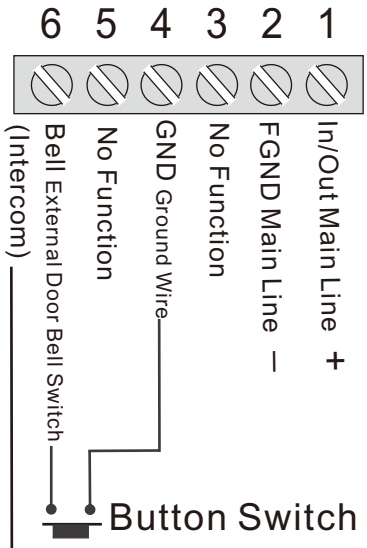
Door Status Indicator
On - Red Door is Open

Rear View of Front Cover



Dummy Load Switch
Set “ON”



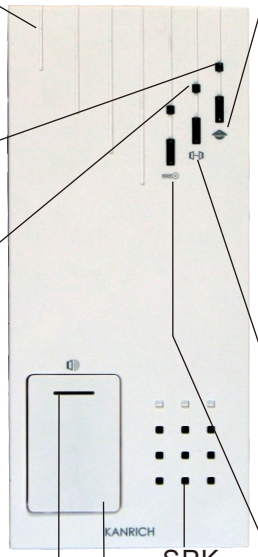


Connect to other monitors(Handsets) in the same house.

Specifications

Working Voltage:
DC15V from 915P
Current Consumption :
Stand-by 40mA, Working 150mA
Communicating Interface:
the modulated carrier wave signal
Installation way: Surface mounting type
Material: ABS heat-resistant plastic
Dimensions: (H)206mm/(W)92mm/(D)58mm
Weights : 400gs
Measurement: 0.5 cuft

915Mg Audio Handset



Code setting button/Main monitor & Sub monitor setting button

Code setting button : When doorphone system is standby and press " + ", you will hear "Du" on 915Mg and on camera ,too.
Please enter "915Mg code"on camera immediately , 915Mg will get this call and send "Ding-Dong" , it means a successful code setting .
Main monitor-Sub monitor setting button : Hold " " 8 sec. at least ,you will hear a high-pitch "Du", it means to set main monitor successfully.
Then, hold this button 8 sec. at least , you will hear a deep "Du" , it means to set sub monitor successfully.
PS. One apartment only can set one main monitor, if you set 2 main monitors in one apartment , camera can't call monitor normally ,the doorphone system will happen problem ,camera can't make a call to this apartment .

Intercom Button/ NO Contact Point

Intercom Press this button to intercom and talk with other monitors in this apartment .
NO Contact Point When monitor screen is started , press this button and drive this contact point in camera then to start other devices.

Door Release Button /Code setting button

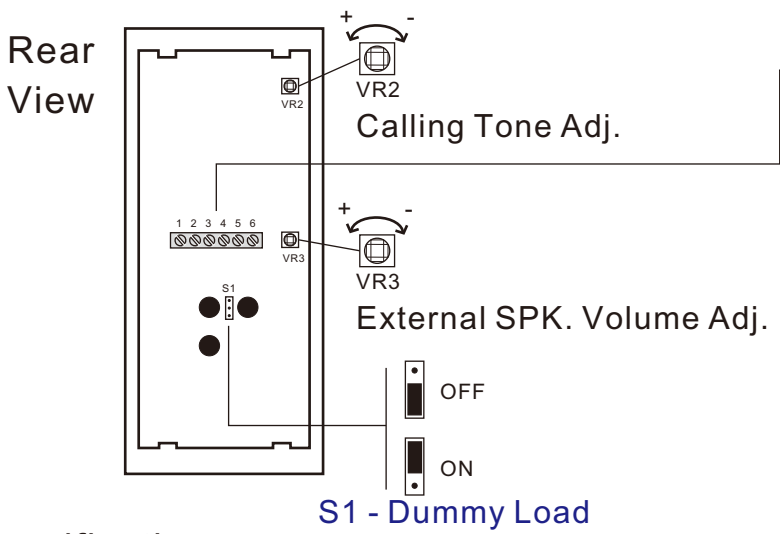
Door Release Press " " this button for opening door.
Code setting button : When doorphone system is standby and press " + ", you will hear "Du" on 915M35 and on camera ,too.
Please enter "monitor code"on camera immediately , 915M35 will get this call and send "Ding-Dong" , it means a successful code setting .

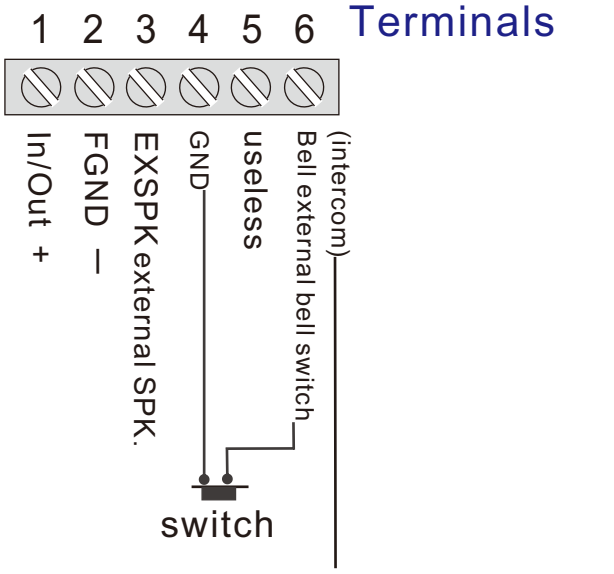
Handsfree Talking Button

Handsfree Talking button: Press it for getting a call and talking .
After talking press it again for finish.

Door Status Indicator : The red LED constantly lights on , it means the door is open, the red LED lights off , it means the door is close .

"In Use"indicator / Intercom call Indicator(Red):
The red LED constantly on, it means one of residents is using this doorphone system,please wait this resident finishing talking then to use it .
Intercom Indicator : This indicator is flashing , it means intercom function is started.



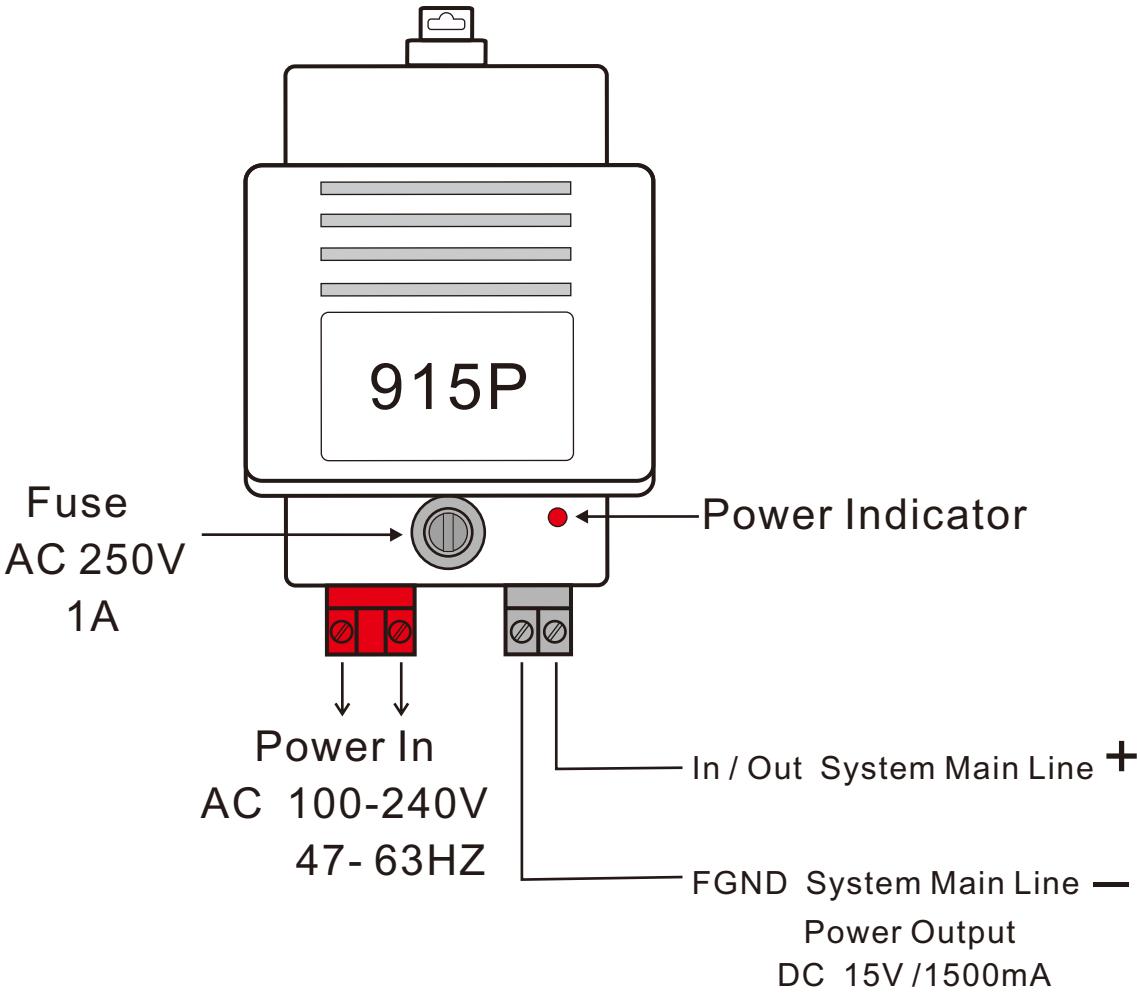


Connect to monitor to monitor when one apartment(or house) has 2 monitors(or handsfree audio).

Specifications

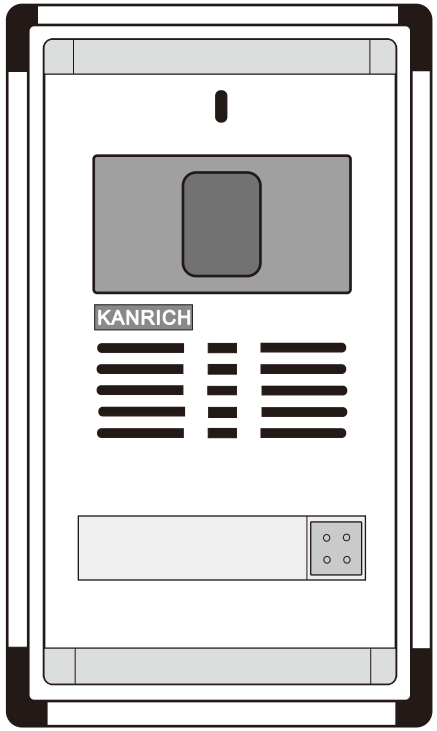
Working Voltage: DC15V from 915P
Current Consumption :
Stand-by 40mA, Working 150mA
Communicating Interface:
the modulated carrier wave signal
Installation way: Surface mounting type
Material: ABS heat-resistant plastic
Dimensions: (H)210mm/(W)94mm/(D)40mm
Weights : 300gs
Measurement: 0.08 cuft

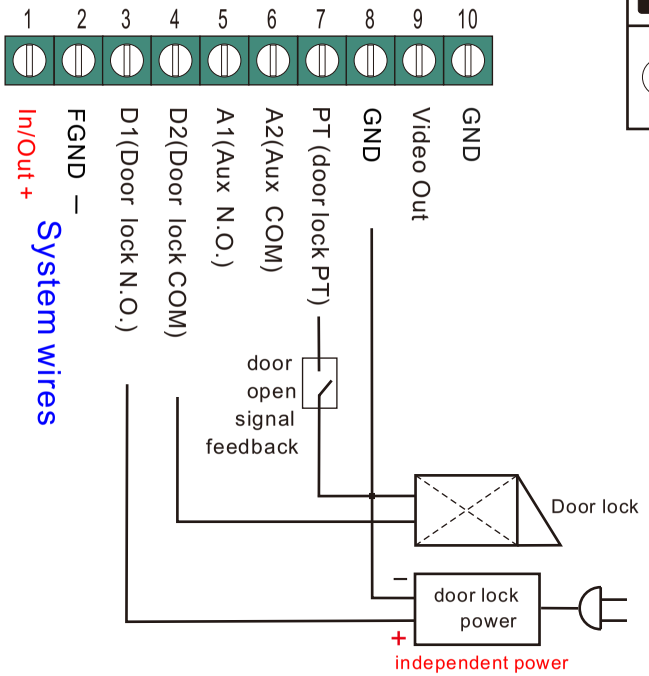
915P Power Supply



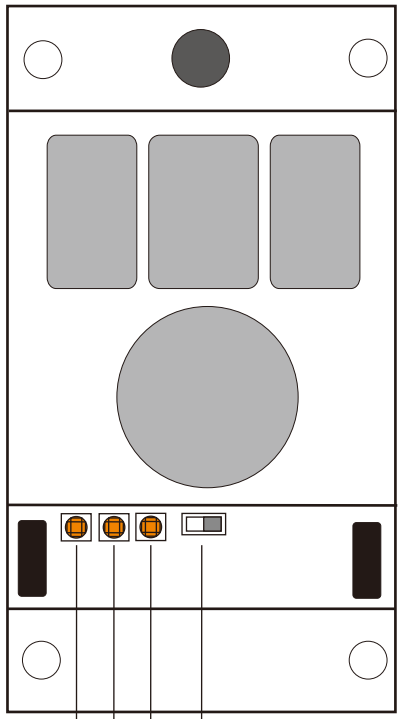
915 KANRICH 2 wires video doorphone system

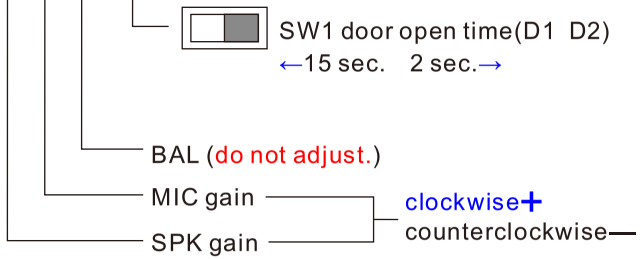
915C10AL Camera





Inner side

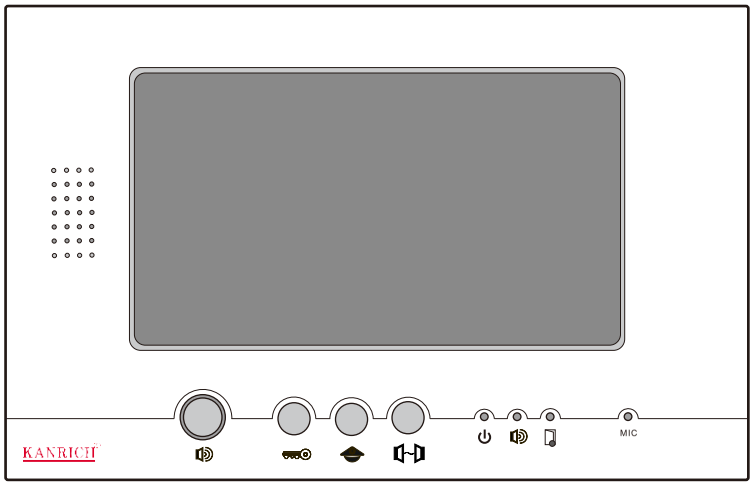




915 KANRICH 2 wires video doorphone system

915M7

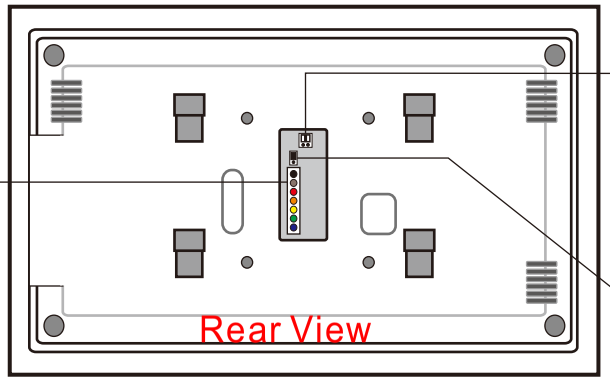
7" Handsfree Monitor



LCD screen power setting

Please pay attention to the direction of short pin.

The LCD screen power is from the main line (for single house project),this is default.

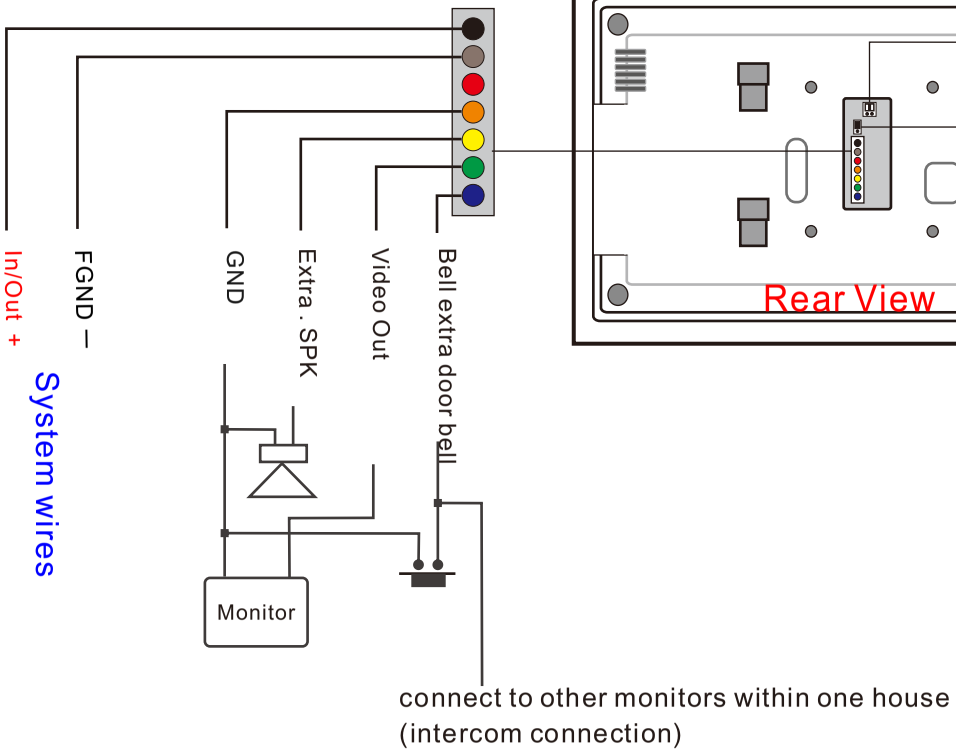


Dummy Load

OFF

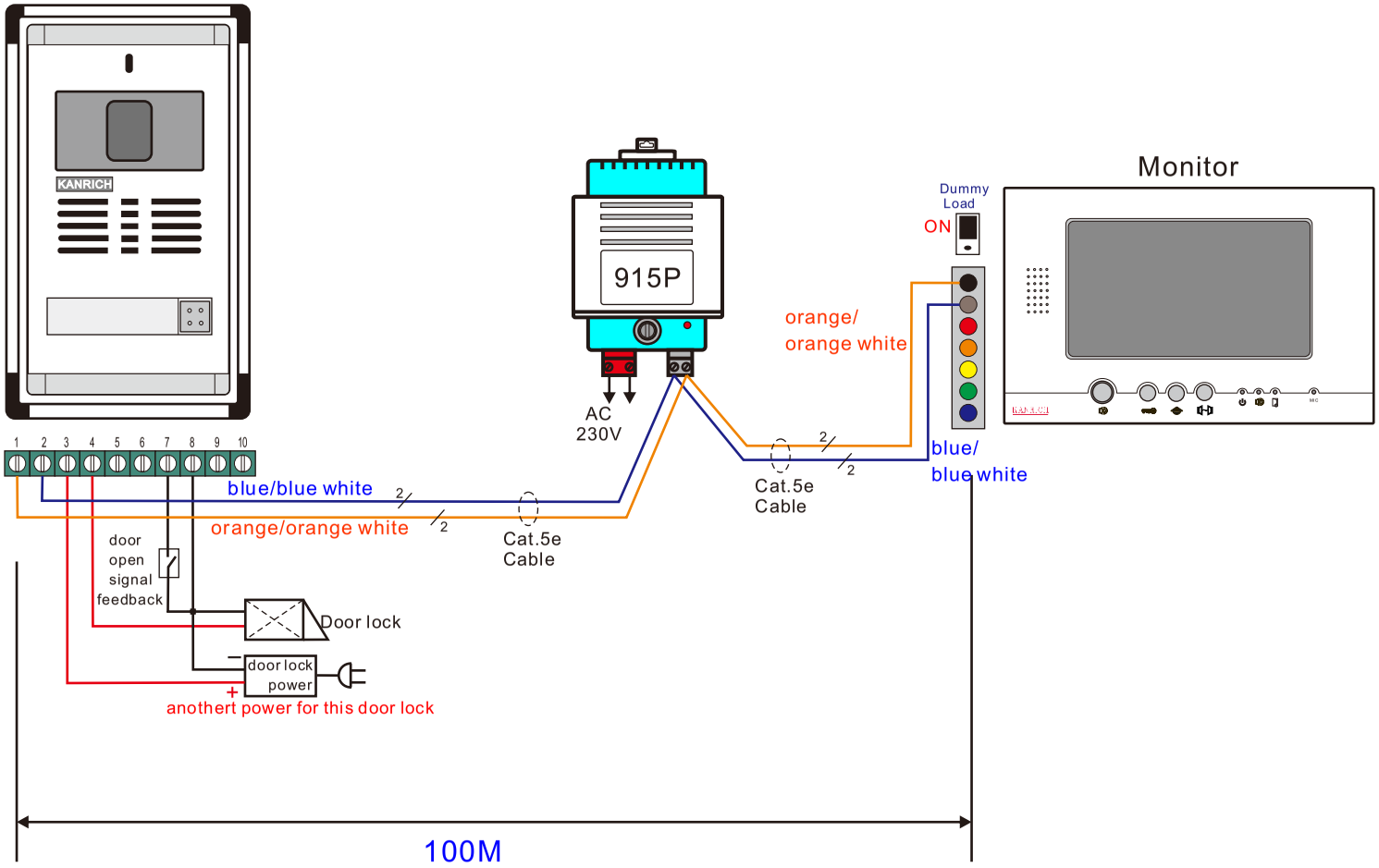
ON

Default is ON



connect to other monitors within one house
(intercom connection)

1 Camera and 1 Monitor

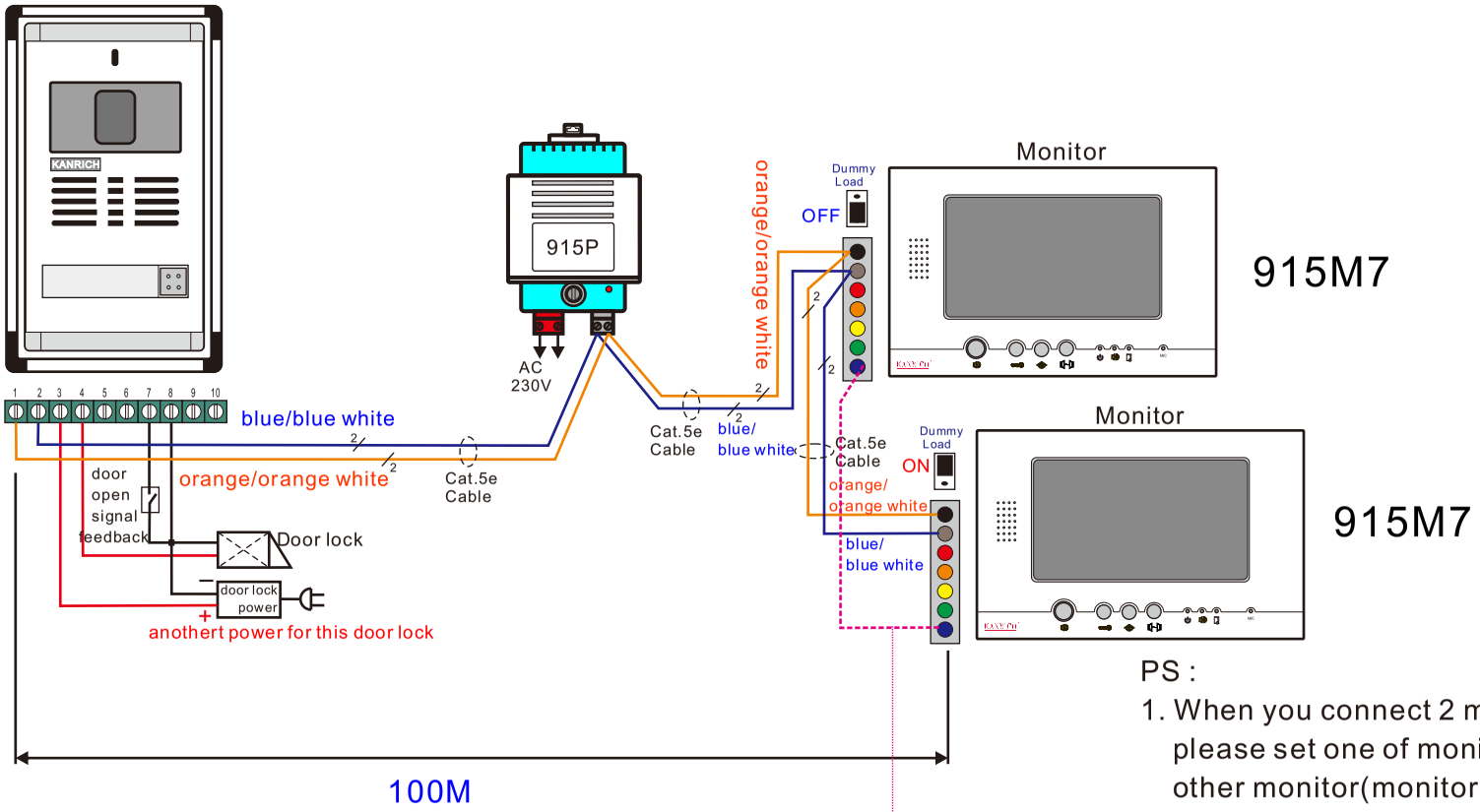


Connected Cable :Cat.5e

915 KANRICH 2 wires video doorphone system

1 Camera and 2 Monitors

915C10AL



Connected Cable :Cat.5e

Intercom function :

915M7 — Please connect terminal #7 between monitor and monitor.

915M35/Mi/M7b/Mg/M3 — Please connect terminal #6 between monitor and monitor .

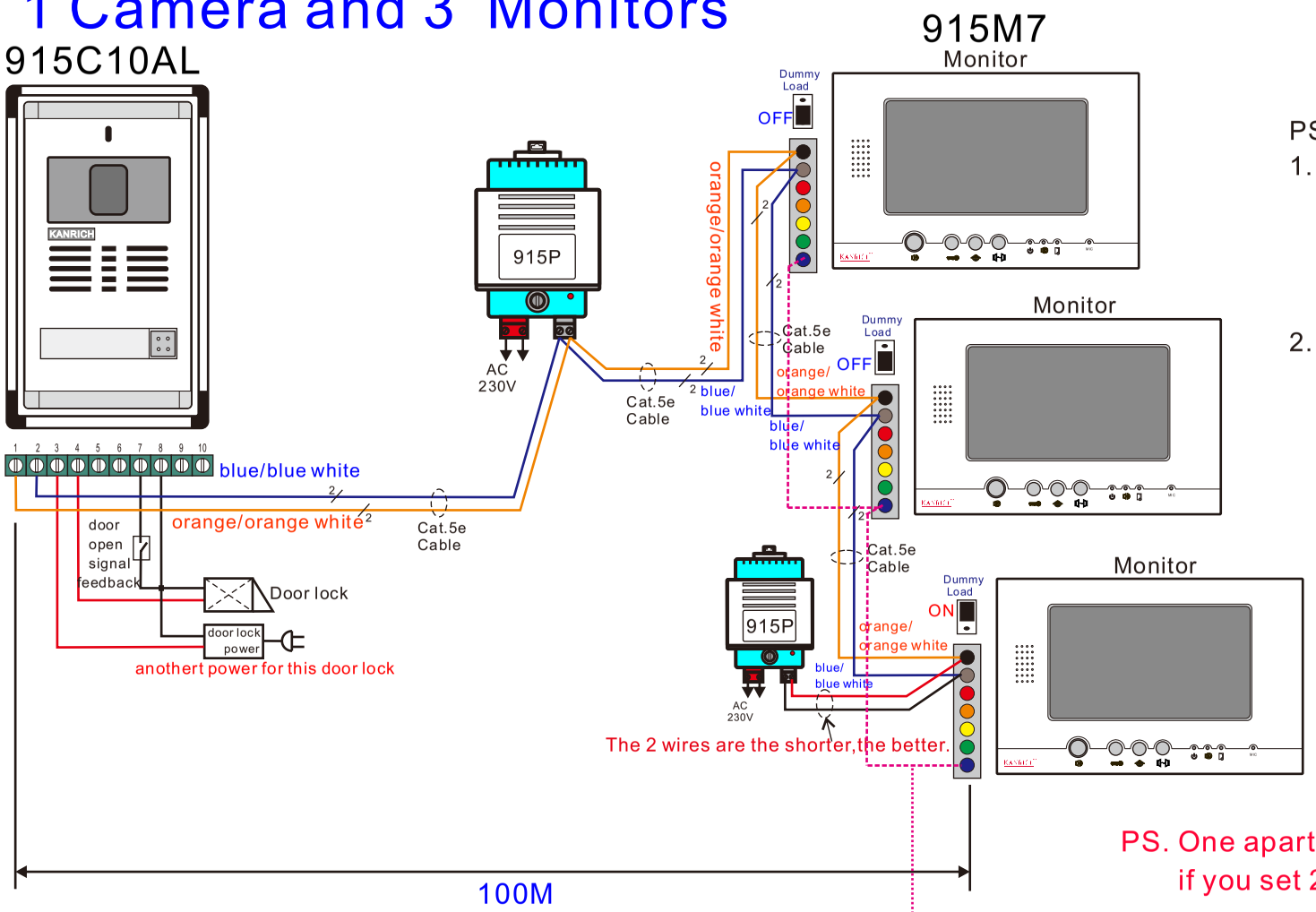
PS :

1. When you connect 2 monitors at least , please set one of monitors to be main monitor(this is default), other monitor(monitors) is(are) set to be sub-monitor.
2. How to set main monitor and sub-monitor ?
   Hold this button " " + " " 8 sec. at least ,you will hear a high-pitch “Du",it means to set main monitor successfully. Then, hold this button 8 sec. at least ,you will hear a "low &deep "Du", it means to set sub monitor successfully.

PS. One apartment only can set one main monitor, if you set 2 main monitors in one apartment , camera can't call monitor normally ,the doorphone system will happen problem ,camera can't make a call to this apartment .

915 KANRICH 2 wires video doorphone system

1 Camera and 3 Monitors



PS :

1. When you connect 2 monitors at least , please set one of monitors to be main monitor(this is default), other monitor(monitors) is(are) set to be sub-monitor.
2. How to set main monitor and sub-monitor ? Hold this button " " + " " 8 sec. at least ,you will hear a high-pitch “Du", it means to set main monitor successfully. Then, hold this button 8 sec. at least , you will hear a "lower deep "Du", it means to set sub monitor successfully.

Connected Cable :Cat.5e

Intercom function :

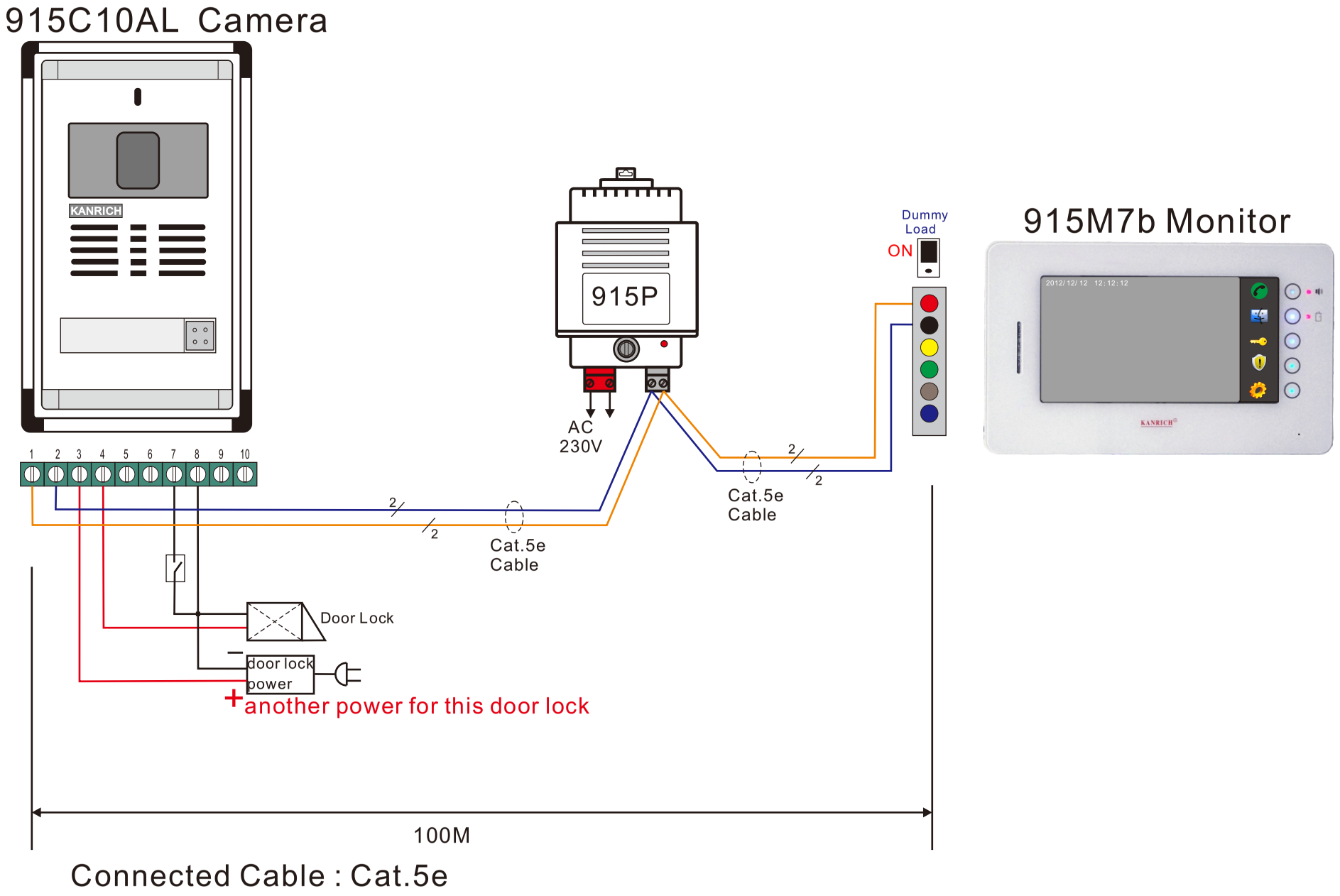
915M7 — Please connect terminal #7 between monitor and monitor.

915M35/Mi/M7b/Mg/M3 — Please connect terminal #6 between monitor and monitor .

PS. One apartment only can set one main monitor, if you set 2 main monitors in one apartment , camera can't call monitor normally ,the doorphone system will happen problem ,camera can't make a call to this apartment .

915 KANRICH 2 wires video doorphone system

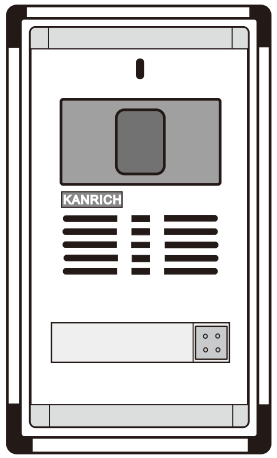
1 Camera and 1 Monitor



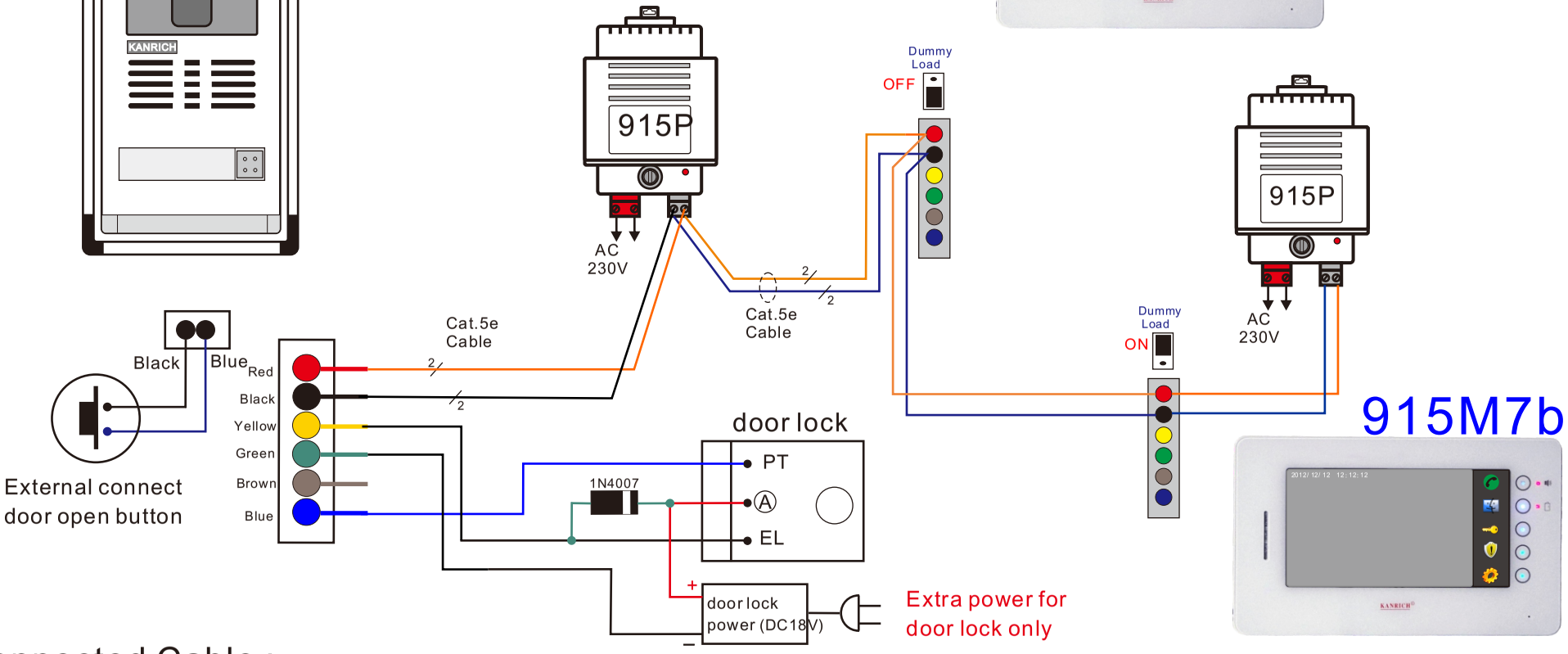
915 KANRICH 2 wires video doorphone system

1 Camera and 2 Monitors

915CALM



915M7b



Connected Cable :
Cat.5e

Code setting/Main monitor & Sub monitor setting

Code setting : When system is standby and touch " + ",you will hear "Du" on 915M7b and on camera ,too. Please enter "monitor code"on camera immediately , 915M7b will get this call and send "Ding-Dong" , it means a successful code setting .

Main monitor-Sub monitor setting : Keep touching 8 sec. at least ,you will hear a high-pitch “Du", it means to set main monitor successfully.Then, keep touching 8 sec. at least , you will hear a deep "Du",it means to set sub monitor successfully.

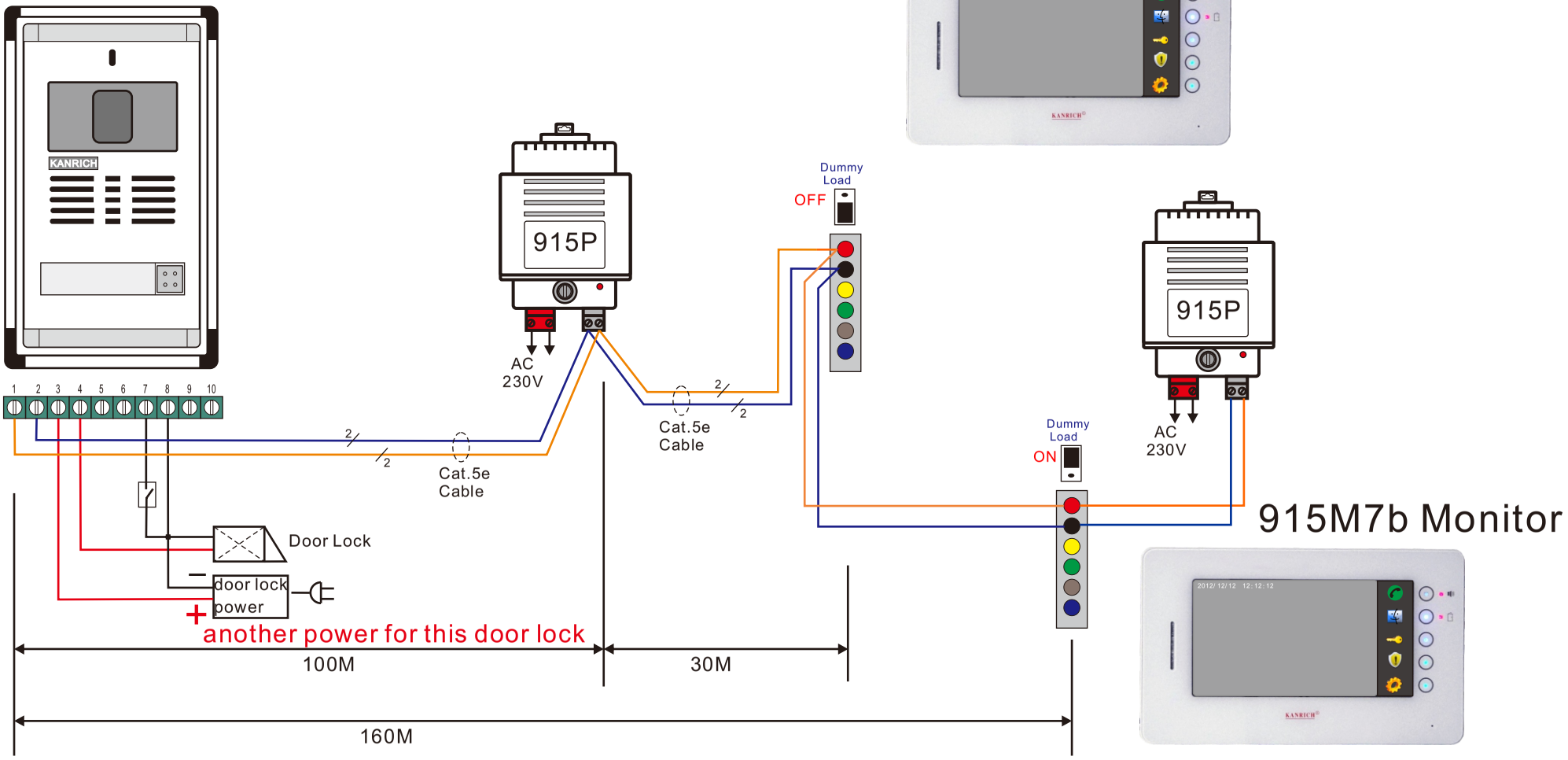
PS. One apartment only can set one main monitor, if you set 2 main monitors in one apartment ,camera can't call monitor(You can hear “Ding-Dong” on monitor but no video).
The same problem will be happened when the system is no “main monitor” setting .

915 KANRICH 2 wires video doorphone system

1 Camera and 2 Monitors

915C10AL Camera

915M7b Monitor



Connected Cable : Cat.5e

Code setting/Main monitor & Sub monitor setting

Code setting : When system is standby and touch " + ",you will hear "Du" on 915M7b and on camera ,too. Please enter "monitor code"on camera immediately , 915M7b will get this call and send "Ding-Dong" , it means a successful code setting .

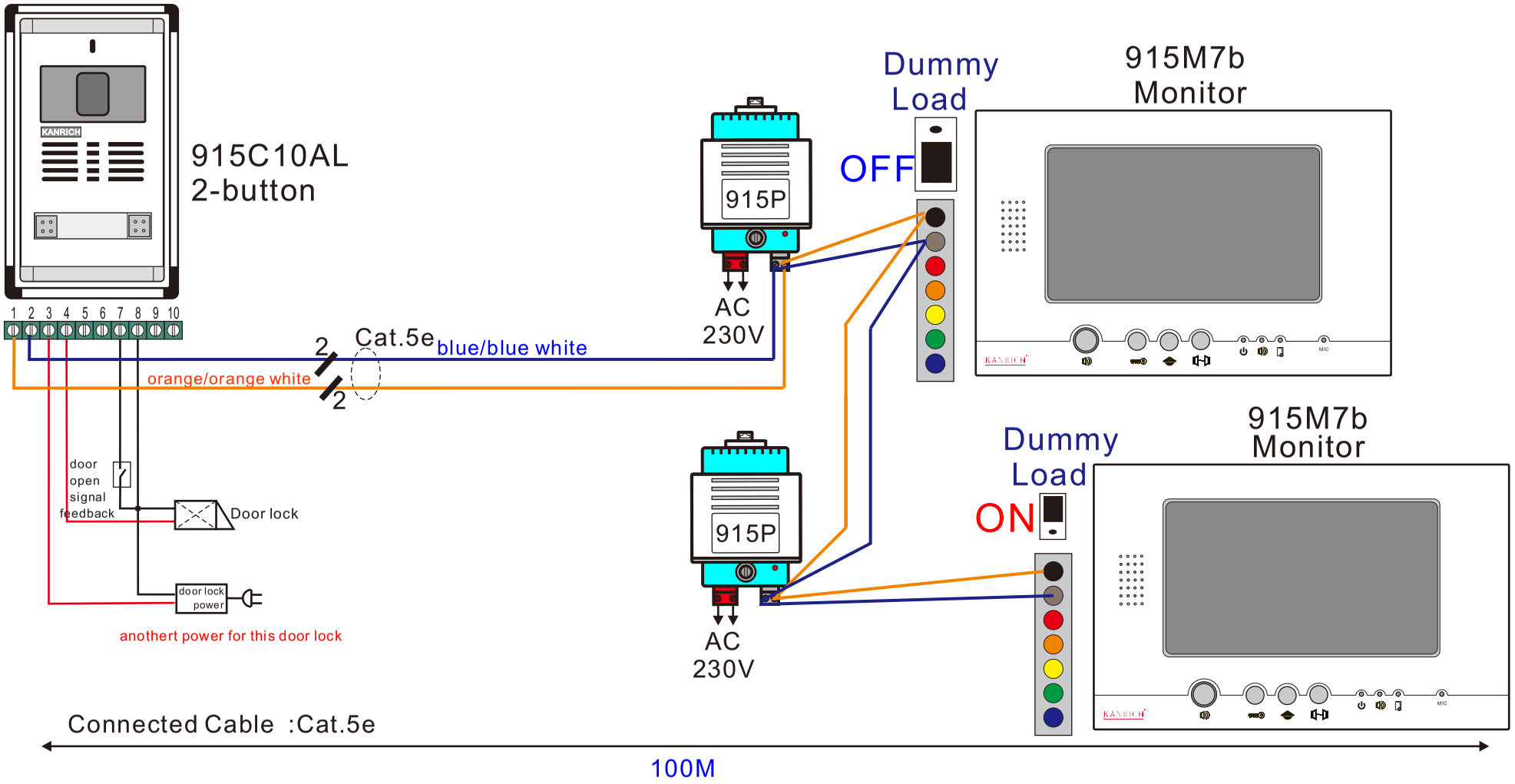
Main monitor-Sub monitor setting : Keep touching 8 sec. at least ,you will hear a high-pitch “Du", it means to set main monitor successfully.Then, keep touching 8 sec. at least , you will hear a deep "Du",it means to set sub monitor successfully.

PS. One apartment only can set one main monitor, if you set 2 main monitors in one apartment ,camera can't call monitor(You can hear “Ding-Dong” on monitor but no video).

The same problem will be happened when the system is no “main monitor” setting .

915 KANRICH 2 wires video doorphone system

2-button Camera and 2 Monitors



PS :

All monitors or handsets in 915 system , their defaults are to call the right button of 915C10AL . So, please do the following set steps to set the left button of 915C10AL .

Hold this button " " + " " 8 sec. at least ,you will hear a high-pitch “Du", it means to set main monitor successfully.