



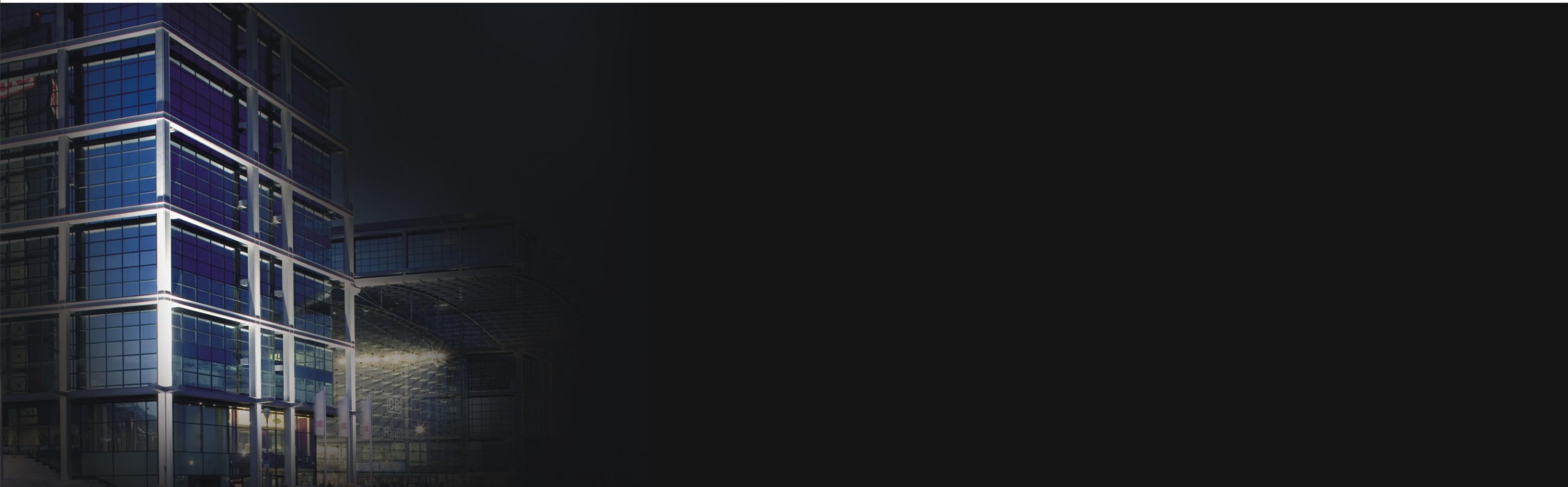
GENERAL CATALOGUE



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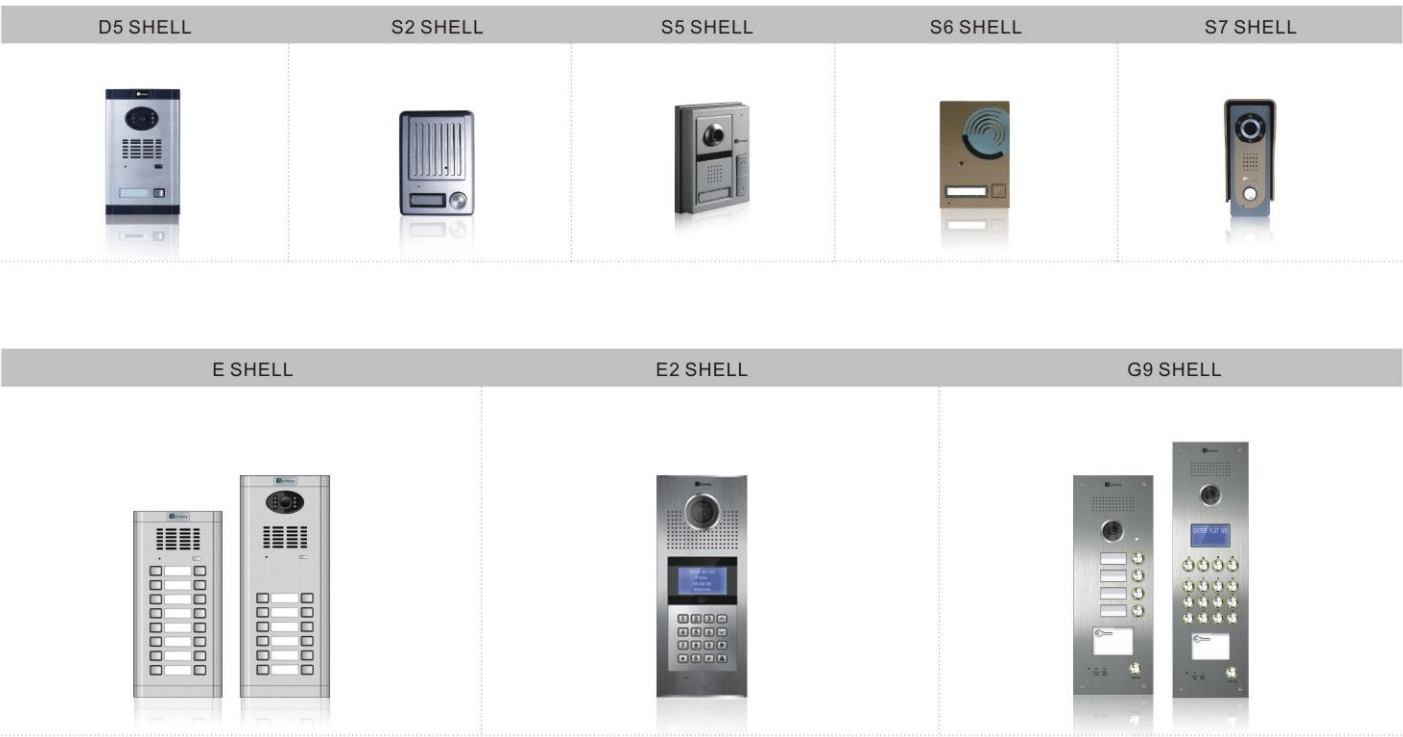
BRIEF INTRODUCTION

A BRIEF OUTLINE OF THE CATALOGUE

Basic elements in audio/video door entry system installation

Door Stations
Choose the style of panel you want...

Depending on the type of building in which you are going to install the system, GENWAY offers you different styles of door stations...



Indoor Phones
Choose the indoor phones you want...



Which system to use

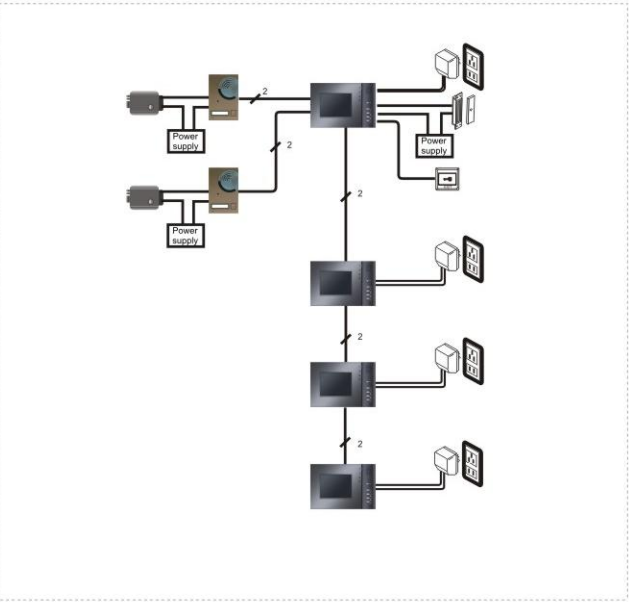
Genway offers you the following recommendation table:

For	you can choose.....
Single family houses	2-wire system (Video, up to 2 door stations and 4 indoor phones; Audio, up to 1 door station and 1 indoor phone)
	4-wire system (Video only, up to 2 door stations and 4 indoor phones)
	5-wire system (Aideo only, up to 1 door stations and 4 indoor phones)
Small building (up to 26 apartments)	1+N system(Audio) or 5+N(Video)system, up to 26 a partments, 2 door stations Classic direct call system
Small or high buildings	C-5 system (Video, up to N apartments, more door stations,perimeter gate station and guard unit) One cable system

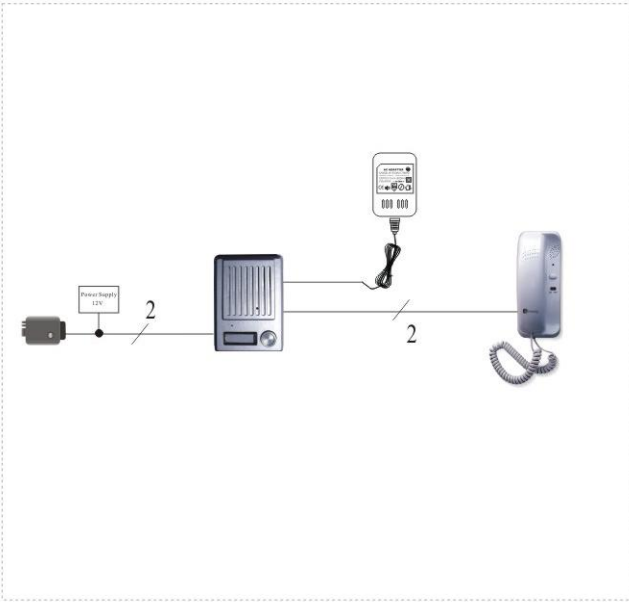
Types Of Systems

2-WIRE SYSTEM

VIDEO

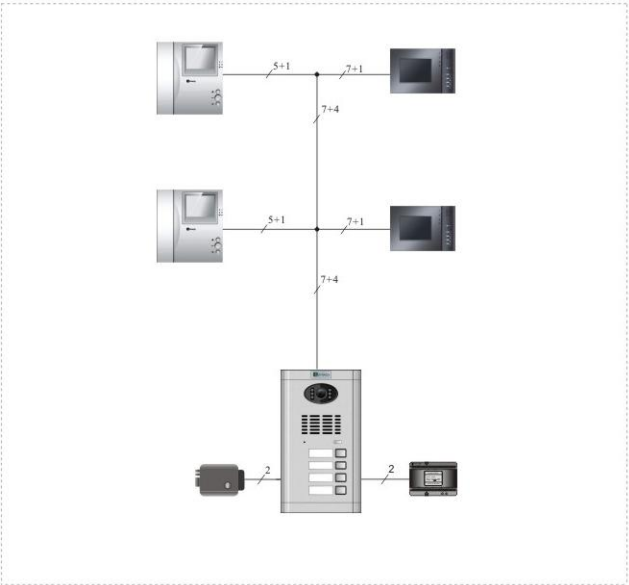


AUDIO



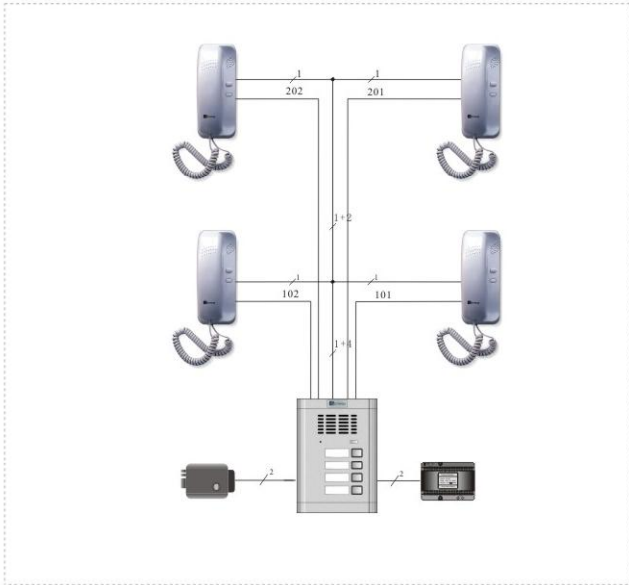
5+N SYSTEM

VIDEO



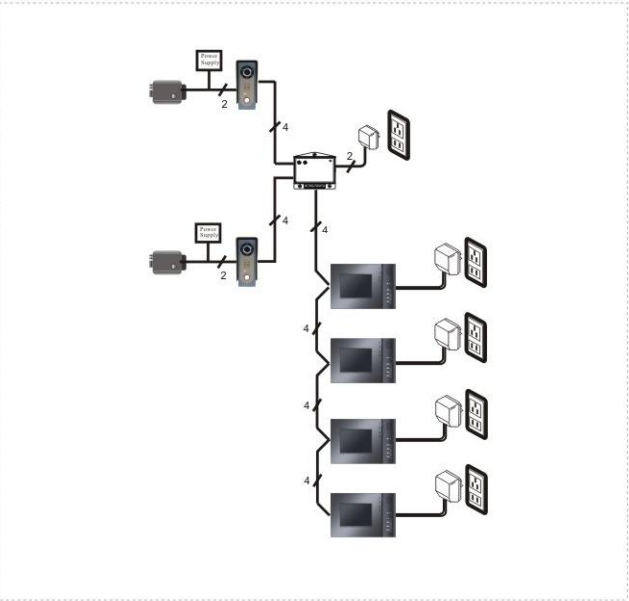
1+N SYSTEM

AUDIO



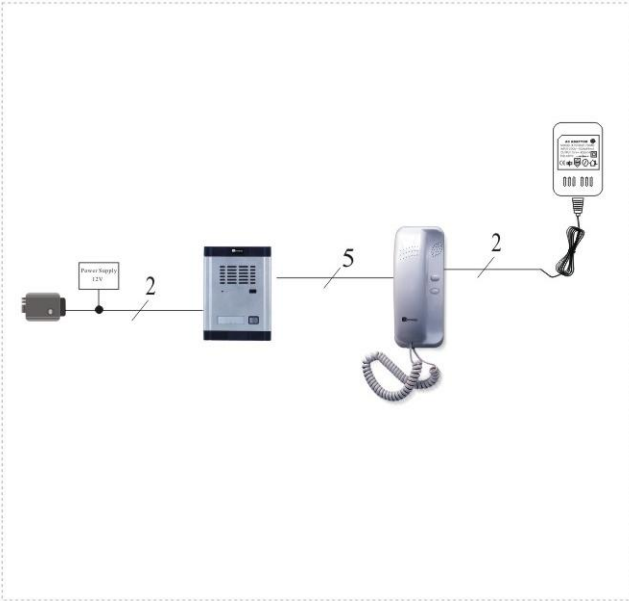
4-WIRE SYSTEM

VIDEO



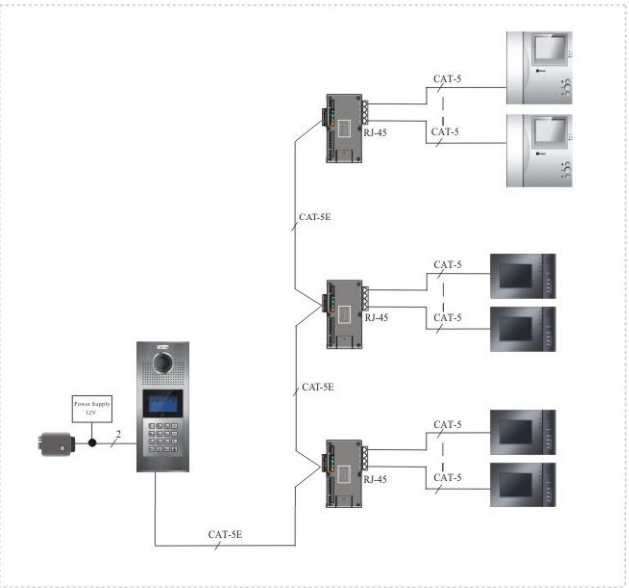
5-WIRE SYSTEM

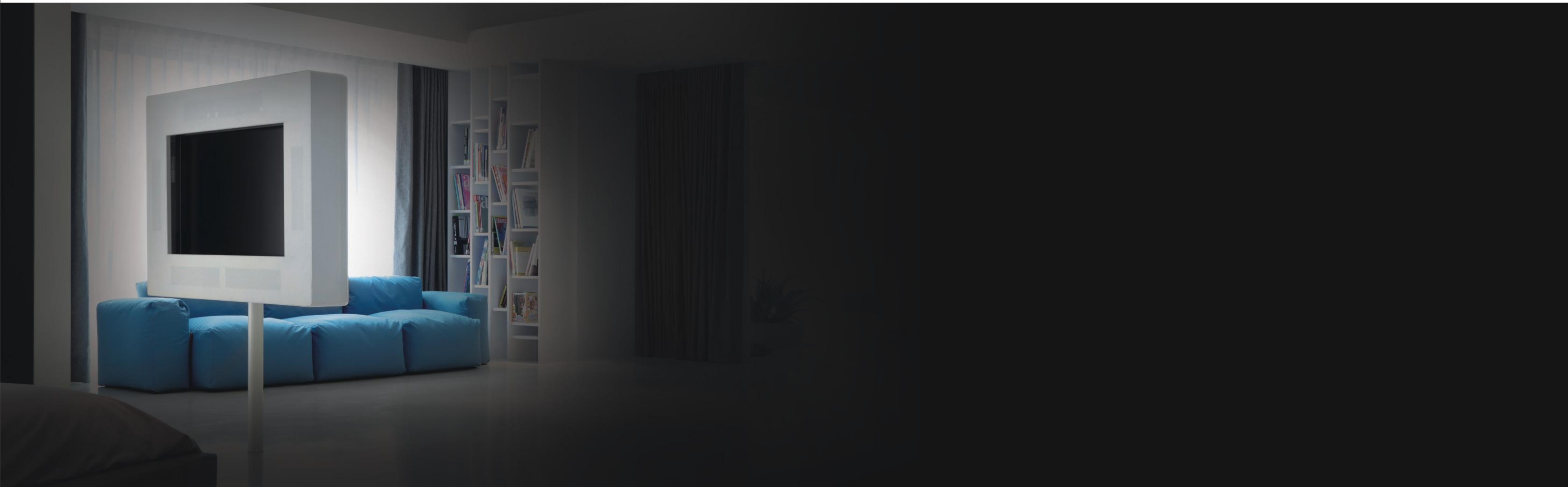
AUDIO



C-5 SYSTEM

VIDEO





KIT

DOOR ENTRY KIT FOR SINGLE HOUSE

4-wire door entry kit

FEATURES:

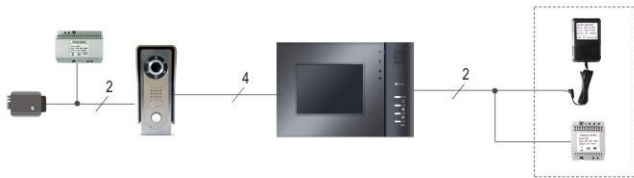
Call, talk and remote unlocking.
Intercom is available between indoor phones.
Double Ding-Dong ring.
Power supply: Adapter, transformer for optional.

CONNECTION DIAGRAM



FD5V12-N B/W HANDSET DOOR ENTRY KIT BUILT-IN POWER SUPPLY		
Budget kit 	Includes F5D50 one door station Aluminum panel Dimension and installation:refer to page 21 "D5 SHELL" Flush-mounted Name plate changeable	Packing box refer to page 20
	F3120-BN one indoor phone Dimension:203×220×63mm Surface-mounted B/W 4"screen With built-in power supply	Accessories EE-50 : Door Lock PS-2E : Power supply for lock 12Vdc/0.8A

CONNECTION DIAGRAM



FD5V12 B/W HANDSET DOOR ENTRY KIT		
Budget kit 	Includes F5D50 one door station Aluminum panel Dimension and installation:refer to page 21 "D5 SHELL" Flush-mounted Name plate changeable	Adaptor:one switch power supply AC 100-240v, DC14V, 0.8A Packing box refer to page 20
	F3120-B one indoor phone Dimension:203×220×63mm Surface-mounted B/W 4"screen	Accessories EE-50 : Door Lock PS-2E : Power supply for lock 12Vdc/0.8A 4013 : Transformer type switch power supply AC 100-240v, DC14V, 0.8A

Budget kit



FS5V12 B/W HANDSET DOOR ENTRY KIT

Includes

F5S50 one door station
Aluminum alloy panel
Dimension and installation:refer to page 22
"S5 SHELL"
Surface-mounted
Name plate changeable

F3120-B one indoor phone
Dimension:203×220×63mm
Surface-mounted
B/W 4"screen
Adaptor:one switch power supply AC 100-240v, DC14V, 0.8A

Packing box refer to page 20

Accessories

EE-50 : Door Lock

PS-2E : Power supply for lock
12Vdc/0.8A

4013:Transformer type switch power supply AC 100-240v, DC14V, 0.8A

Budget kit



FS5V20 B/W HANDS-FREE DOOR ENTRY KIT

Includes

F5S50 one door satation
Aluminum alloy panel
Dimension and installation:refer to page 22
"S5 SHELL"
Surface-mounted
Name plate changeable

F3200-B one indoor phone
Dimension:203×220×46mm
Surface-mounted
B/W 4"screen
Adaptor:one switch power supply AC 100-240v, DC14V, 0.8A

Packing box refer to page 20

Accessories

EE-50 : Door Lock

PS-2E : Power supply for lock
12Vdc/0.8A

4013: Transformer type switch power supply AC 100-240v, DC14V, 0.8A

FS5V1 COLOR HANDS-FREE DOOR ENTRY KIT		
	Includes F5S50-C one door satation Aluminum alloy panel Dimension and installation:refer to page 22 "S5 SHELL" Surface-mounted Name plate changeable	Packing box refer to page 20
	F3010 one indoor phone Dimension:220×150×25mm Surface-mounted Color 5" TFT Adaptor:one switch power supply AC 100-240v, DC14V, 0.8A	Accessories EE-50 : Door Lock PS-2E : Power supply for lock 12Vdc/0.8A 4013 :Transformer type switch power supply AC 100-240v, DC14V, 0.8A



FS5V11

COLOR HANDS-FREE DOOR ENTRY KIT

Includes

F5S50-C one door station
Aluminum alloy panel
Dimension and installation:refer to page 22"S5 SHELL"
Surface-mounted
Name plate changeable

F3110 one indoor phone
Dimension:220×208×46mm
Surface-mounted
Color 7"TFT

Adaptor:one switch power supply AC 100-240v, DC14V, 0.8A

Packing box refer to page 20

Accessories

EE-50 : Door Lock

PS-2E : Power supply for lock
12Vdc/0.8A

4013 : Transformer type switch
power supply AC 100-240v,
DC14V, 0.8A



FS7V3

COLOR HANDS-FREE DOOR ENTRY KIT

Includes

F5S70-C one door station
Zinc alloy panel
Dimension and installation:refer to page 22"S7 SHELL"
Surface-mounted

F3030 one indoor phone
Dimension:185×120×28mm
Surface-mounted
Color 3.5"TFT

Adaptor:one switch power supply AC 100-240v, DC14V, 0.8A

Packing box refer to page 20

Accessories

EE-50 : Door Lock

PS-2E : Power supply for lock
12Vdc/0.8A

4013 : Transformer type switch
power supply AC 100-240v,
DC14V, 0.8A



FS7V1

COLOR HANDS-FREE DOOR ENTRY KIT

Includes

F5S70-C one door station
Zinc alloy panel
Dimension and installation:refer to page 22"S7 SHELL"
Surface-mounted

F3010 one indoor phone
Dimension:220×150×25mm
Surface-mounted
Color 5"TFT

Adaptor:one switch power supply AC 100-240v, DC14V, 0.8A

Packing box refer to page 20

Accessories

EE-50 : Door Lock

PS-2E : Power supply for lock
12Vdc/0.8A

4013 : Transformer type switch
power supply AC 100-240v,
DC14V, 0.8A



FG9V1

COLOR HANDS-FREE DOOR ENTRY KIT

Includes

F5G91-C one door station
Stainless steel panel
With ID card reader function
Dimension and installation:refer to page 22"G9 SHELL"
Flush-mounted

F3010 one indoor phone
Dimension:220×150×25mm
Surface-mounted
Color 5"TFT

Adaptor:one switch power supply AC 100-240v, DC14V, 0.8A

Packing box refer to page 20

Accessories

EE-50 : Door Lock

PS-2E : Power supply for lock
12Vdc/0.8A

4013 : Transformer type switch
power supply AC 100-240v,
DC14V, 0.8A



FS7V11

COLOR HANDS-FREE DOOR ENTRY KIT

Includes

F5S70-C one door station
Zinc alloy panel
Dimension and installation:refer to page 22"S7 SHELL"
Surface-mounted

F3110 one indoor phone
Dimension:220×208×46mm
Surface-mounted
Color 7"TFT

Adaptor:one switch power supply AC 100-240v, DC14V, 0.8A

Packing box refer to page 20

Accessories

EE-50 : Door Lock

PS-2E : Power supply for lock
12Vdc/0.8A

4013 : Transformer type switch
power supply AC 100-240v,
DC14V, 0.8A



FG9V11

COLOR HANDS-FREE DOOR ENTRY KIT

Includes

F5G91-C one door station
Stainless steel panel
With ID card reader function
Dimension and installation:refer to page 22"G9 SHELL"
Flush-mounted

F3110 one indoor phone
Dimension:220×208×46mm
Surface-mounted
Color 7"TFT

Adaptor:one switch power supply AC 100-240v, DC14V, 0.8A

Packing box refer to page 20

Accessories

EE-50 : Door Lock

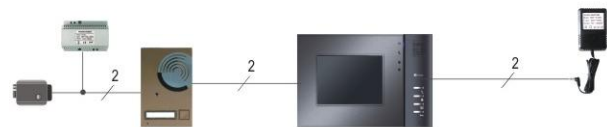
PS-2E : Power supply for lock
12Vdc/0.8A

4013 :Transformer type switch
power supply AC 100-240v,
DC14V, 0.8A

2-WIRE DOOR ENTRY KIT

Surface-mounted door station, pin-hole, color camera, hands-free indoor phone.
2-wire connection, with call, talk and remote unlocking.
Intercom is available between indoor phones.
Double Ding-Dong ring.

CONNECTION DIAGRAM(Video)



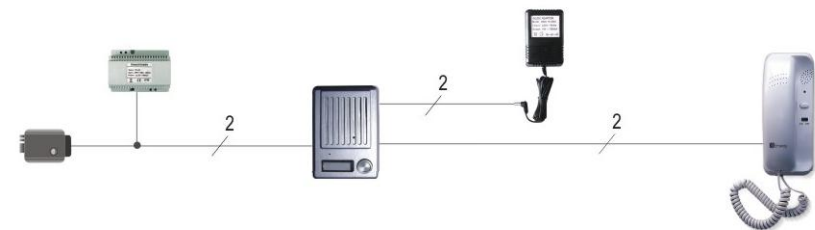
	DS6V1 COLOR HANDS-FREE DOOR ENTRY KIT
	Includes 7S60-C one door station Zinc alloy panel With pin-hole color camera Dimension and installation:refer to page 21"S6 SHELL" Surface-mounted Name plate changeable 7010K one master indoor phone Dimension:220×150×25mm Surface-mounted Color 5"TFT
	Adaptor:one switch power supply AC 100-240v, DC24V, 1.0A Packing box refer to page 20 Accessories EE-50 : Door Lock PS-2E : Power supply for lock 12Vdc/0.8A 7010P Subsidiary indoor phone

	DS6V13 COLOR HANDS-FREE DOOR ENTRY KIT
	Includes 7S60-C one door station Zinc alloy panel With pin-hole color camera Dimension and installation:refer to page 21"S6 SHELL" Surface-mounted Name plate changeable 7130K one master indoor phone Dimension:220×150×27mm Surface-mounted Color 7"TFT
	Adaptor:one switch power supply AC 100-240v,DC24V, 1.0A Packing box refer to page 20 Accessories EE-50 : Door Lock PS-2E : Power supply for lock 12Vdc/0.8A 7130P Subsidiary indoor phone

Australia only 	DS4V1 COLOR HANDS-FREE DOOR ENTRY KIT
	Includes 7S40-C one door station Dimension and installation:refer to page 23"S4 SHELL" Surface-mounted 7010K one master indoor phone Dimension:220×150×25mm Surface-mounted Color 5"TFT Adaptor:one switch power supply AC 100-240v, DC24V, 1.0A
	Packing box refer to page 20 Accessories EE-50 : Door Lock PS-2E : Power supply for lock 12Vdc/0.8A 7010P Subsidiary indoorphone

Australia only 	DS4V13 COLOR HANDS-FREE DOOR ENTRY KIT
	Includes 7S40-C one door station Dimension and installation:refer to page 23"S4 SHELL" Surface-mounted 7130K one master indoor phone Dimension:220×150×27mm Surface-mounted Color 7"TFT Adaptor:one switch power supply AC 100-240v, DC24V, 1.0A
	Packing box refer to page 20 Accessories EE-50 : Door Lock PS-2E : Power supply for lock 12Vdc/0.8A 7130P Subsidiary indoor phone

CONNECTION DIAGRAM(Audio)



	DS2D AUDIO HANDSET DOOR ENTRY KIT	
	Includes D5S20H one door station Aluminum alloy panel Dimension and installation:refer to page 23"S2 SHELL" Surface-mounted Name plate changeable D30D0 one indoor phone Dimension:202×80×67mm Surface-mounted Adaptor:one power supply DC 14V 0.2A	Packing box refer to page 20 Accessories EE-50 : Door Lock PS-2E : Power supply for lock 12Vdc/0.8A
	DS2H4 AUDIO HANDSET DOOR ENTRY KIT	
	Includes D5S20H one door station Aluminum alloy panel Dimension and installation:refer to page23"H2 SHELL" Surface-mounted Name plate changeable D3H40 one indoor phone Dimension:202×80×67mm Surface-mounted With mute function Adaptor:one power supply DC 14V 0.2A	Packing box refer to page 20 Accessories EE-50 : Door Lock PS-2E : Power supply for lock 12Vdc/0.8A

5-WIRE DOOR ENTRY KIT

One door station can connect with four indoor phones.
Dual talking between door station and indoor phone.
Remote unlock.

CONNECTION DIAGRAM



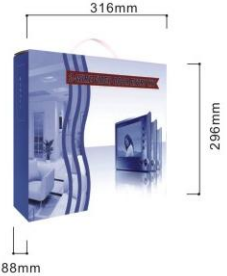
	WL-06Dd2D AUDIO HANDSET DOOR ENTRY KIT	
	Includes WL-06Dd2 one door station Aluminum panel Dimension and installation:refer to page 23"D2 SHELL" Flush-mounted WL-06DFaD one master indoor phone Dimension:202×80×67mm Surface-mounted Adaptor:one power supply DC 15V 0.8A	Packing box refer to page 20 Accessories EE-50 : Door Lock PS-2E : Power supply for lock 12Vdc/0.8A WL-06DFbD Subsidiary indoor phone

PACKING BOX

01A-box	01B-box
FD5V12	FS5V12
	FS5V20
	FD5V12-N

02A-box	02B-box	02C-box
FG9V1	FS5V1	DS6V1
FG9V11	FS5V11	DS6V13
	FS7V1	DS4V1
	FS7V11	DS4V13
	FS7V3	

03A-box	04A-box
DS2C	WL-06Dd2D
DS2D	
DS2H4	

	
01A-box Dimension: 462(L)×88(W)×284(H)mm	01B-box Dimension: 414(L)×88(W)×262(H)mm
	
02A-box Dimension: 388(L)×110(W)×352(H)mm	02B-box Dimension: 352(L)×88(W)×241(H)mm
	
02C-box Dimension: 316(L)×88(W)×296(H)mm	03A-box Dimension: 347(L)×70(W)×240(H)mm
	
04A-box Dimension: 358(L)×75(W)×215(H)mm	

DOOR STATION INSTALLATION

D5 SHELL

Built-in Installation

Unit: mm

	Iron door Installation size (H1)×(W1)×(D1)	Wall Installation size (H2)×(W2)×(D2)
F5D50	208×108×38	206×126×42

Change name plate

1. Push the right edge and move to right.
2. Take off the plastic.
3. Change the name plate.
4. Then insert the right edge into groove.
5. Push the left edge and move to left.

201
Name plate
Plastic
3. Change the name plate

S6 SHELL

Unit: mm

① Door/Wall
② Door station front
③ Door station bracket
④ Screw

Change name plate

1. Insert the screw driver in the notch. Turn and push the plastic upwards.
2. Change the name plate.
3. Put the plastic back to the groove.

Name plate
Plastic

S5 SHELL

Unit: mm

① Door/Wall
② Door station front
③ Door station bracket
④ Screw

S7 SHELL

Unit: mm

① Door/Wall ② Door station front
③ Door station bracket ④ Screw ⑤ PC plate

☆ During installation, put the wire through the hole of PC plate, then connect it with door station terminal, and glue the PC plate on the door station rear panel at last.

G9 SHELL

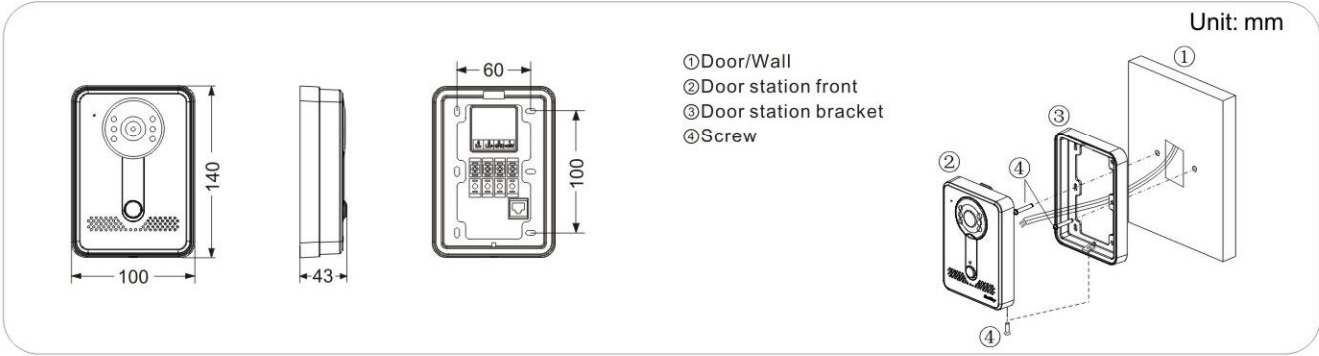
Dimensions

Product size: 272×150×68.5 mm
Installation size: 254×132×64 mm

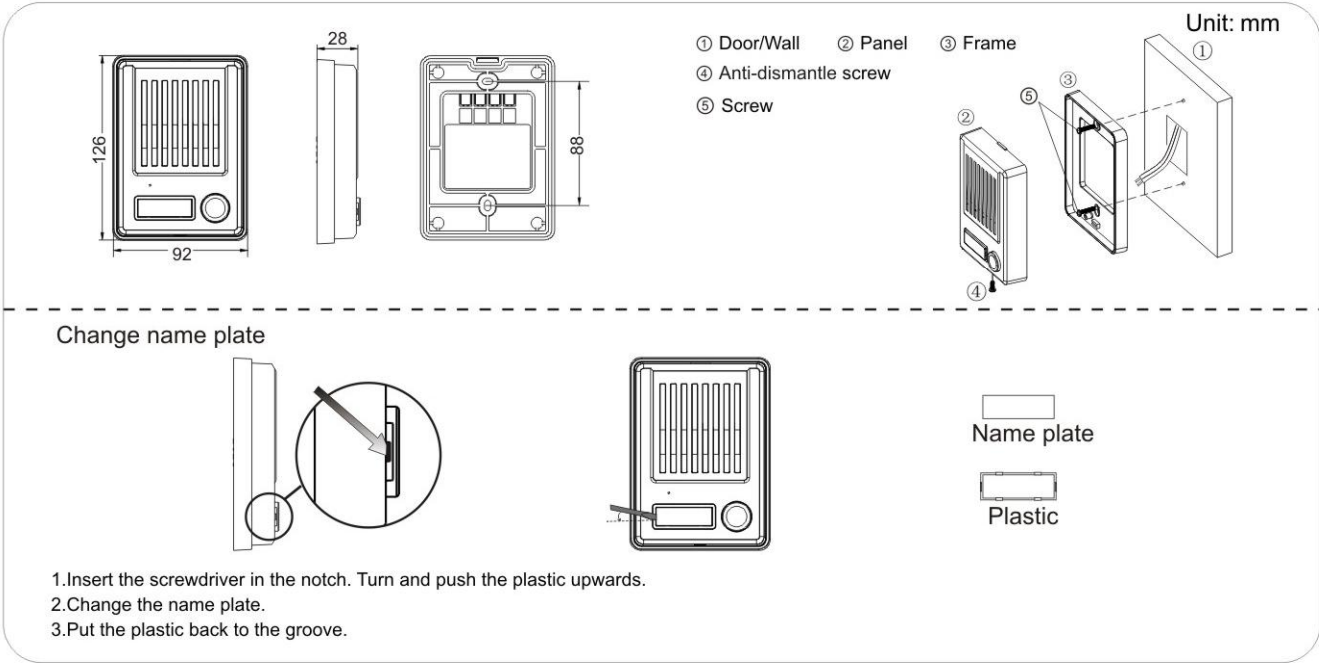
Mounting

① Wall ② Door station front
③ Door station bracket ④ Plastic pipe
⑤ Screw ⑥ Anti-dismantle screw

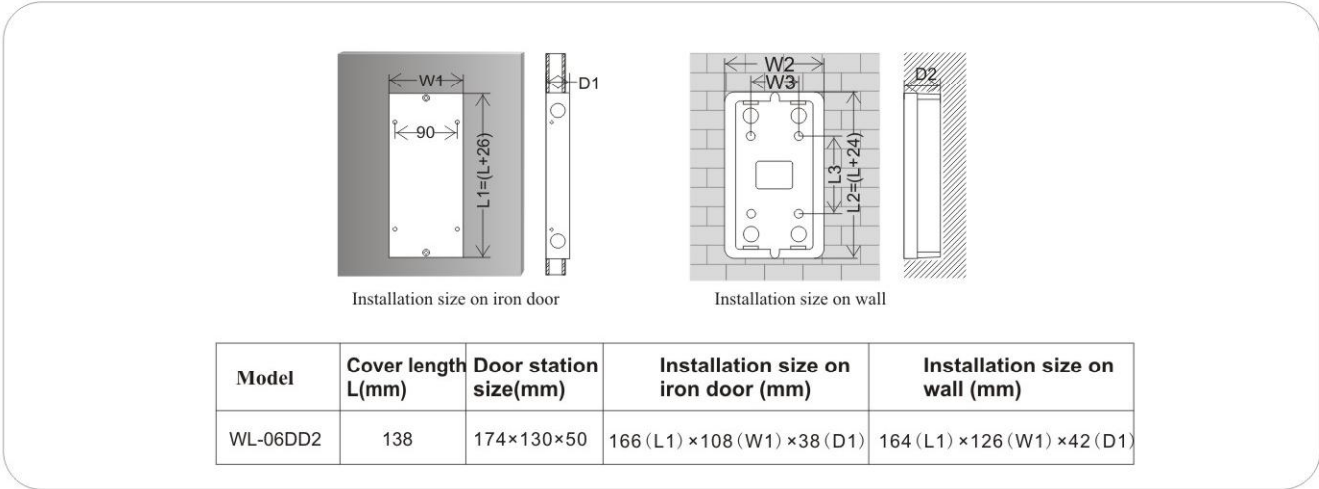
S4 SHELL



S2 SHELL



D2 SHELL



DOOR STATION

DIRECT CALL PANEL AND DIGITAL PANEL

CHOOSE DOOR STATIONS ACCORDING TO YOUR DEMAND

DIRECT CALL PANEL

Aluminum alloy panel for the door stations present a beautiful and generous appearance.

Audio,E shell(for 1+N system)



Item	WL-02NE1×2	WL-02NE1×3	WL-02NE1×4	WL-02NE1×6	WL-02NE1×8	WL-02NE2×6	WL-02NE2×8
Dimension (refer to P26)	B-1	B-1	B-1	B-2	B-2	B-2	B-2

Video,E shell(for 5+N system)



Item	CM-02NE1×2-C	CM-02NE1×3-C	CM-02NE1×4-C	CM-02NE1×6-C	CM-02NE1×8-C	CM-02NE2×6-C	CM-02NE2×8-C
Dimension (refer to P26)	B-3	B-3	B-3	B-4	B-4	B-4	B-4

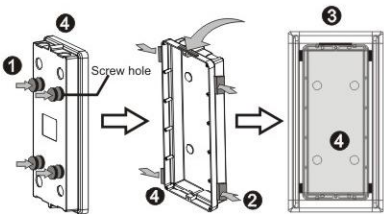
Video,E shell(for C-5 system)



Item	C2310	C2310D
Dimension (refer to P26)	B-4	B-5

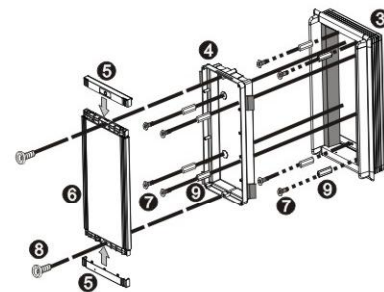
RAIN CAP INSTALLATION
(E SHELL)

Step 1



Step 1 : ① Paste the gasket to the 4 screw holes of the back cover.
② Paste the cushion to the back cover, which can keep the door station on the middle of the rain .Cap perfectly

Step 2



① Gasket	② Cushion
③ Rain cap	④ Back cover
⑤ Plug	⑥ Panel
⑦ Screw	⑧ angle screw-Six
⑨ Plastic expending pipes	

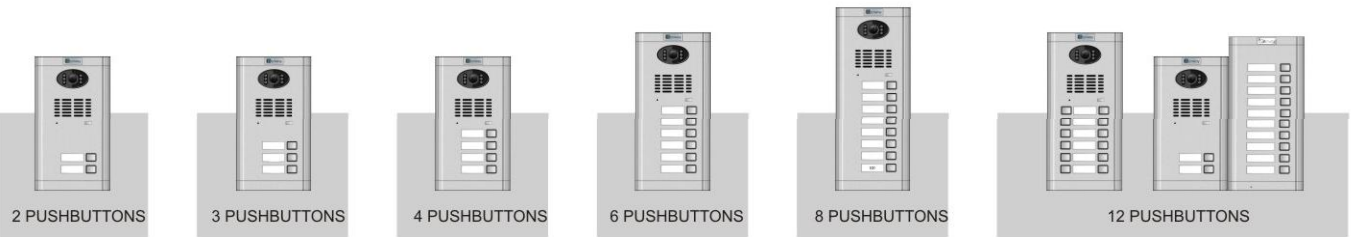
Step2: ① Fix the rain cover on the wall by 4 screws.
② Put the plastic back cover inside the rain cover and fix it with 4 screws.
③ Put the out door panel into the back cover and fix it with 2 six-angle screw.
④ Put the plug back to the out door station.

DIMENSION	Code	Model size (Unit:mm)	Installation dimension		Rain cover dimension (Unit:mm)
			On the gate	On the wall	
	B-1	216×140×52	208×108×38	250×126×42	253×179×72
	B-2	304×140×52	296×108×38	294×126×42	297×179×72
	B-3	260×140×52	252×108×38	206×126×42	341×179×72
	B-4	348×140×52	340×108×38	294×126×42	385×179×72
	B-5	424×140×48	416×108×38		

EXAMPLES OF AUDIO COMBINATIONS (for 1+N system)

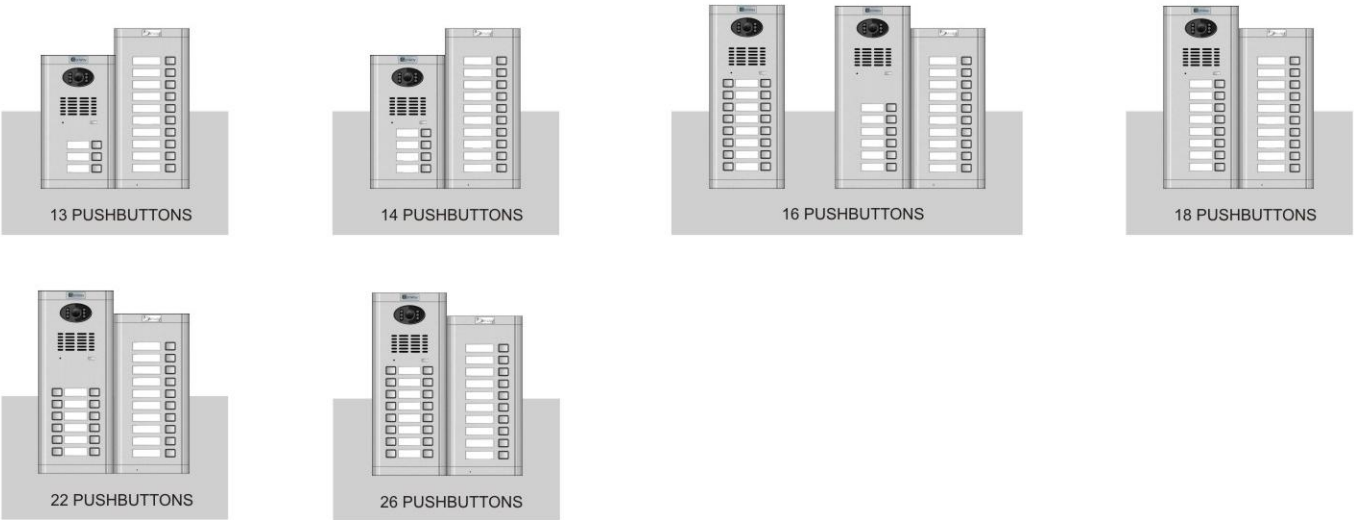


EXAMPLES OF VIDEO COMBINATIONS (for 5+N system)



General Catalogue

Door station



DIRECT CALL PANEL

Vandal resistant panel, stainless steel construction, waterproof, ID card, service button.
 SERVICE button: In the authorized time, press SERVICE button on the door station to release the door.
 [This button is special for postmen or other service people. The function has to be programmed by the remote control. Please refer to page 52.]

Video, G9 shell (for C-5 system)

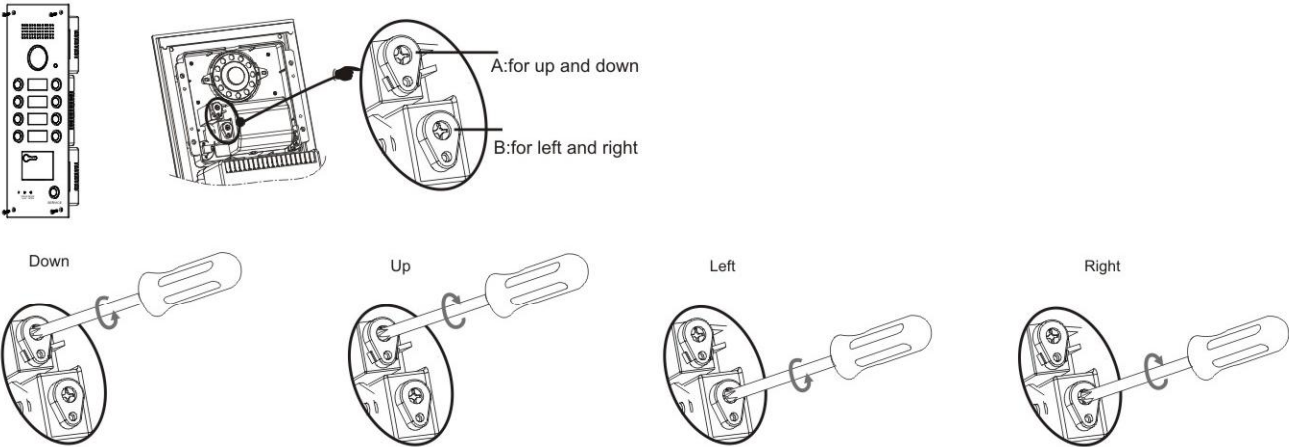
Item	C2313D-C	C2315D-C	C2317D-C	C2319D-C
References				

Change name plate

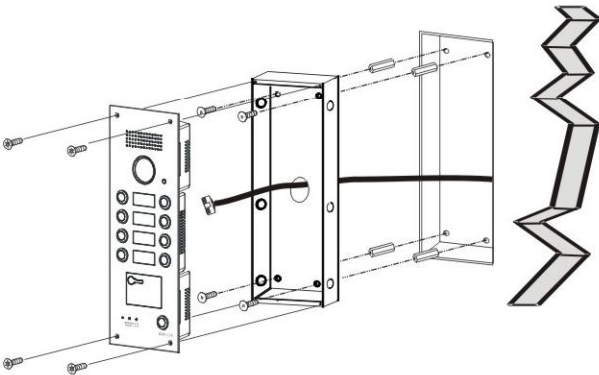
1. Push the right edge and move to right.
2. Take off the plastic.
3. Take out the name tag.
4. Put in the name tag.
5. Insert the right edge into sideling.
6. Push the left edge and move to left.
7. Finish.

[Note: All the same to the other small name tags.]

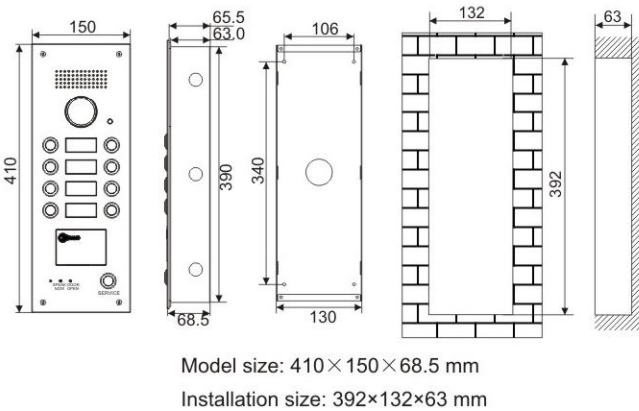
Camera adjustment



Installation



Dimensions



CHOOSE DOOR STATIONS ACCORDING TO YOUR DEMAND

DIGITAL PANEL

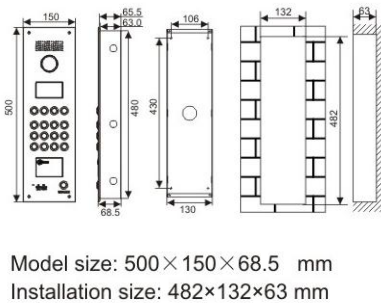
Video, G9 shell (for C-5 system)

Item	C2608D-C
References	

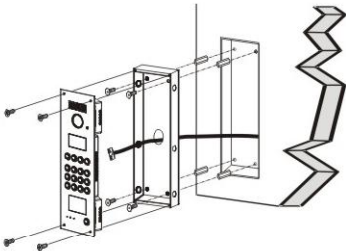
FEATURES:

Vandal resistant panel, stainless steel construction, waterproof, flush mounted. Compatible with all video indoor phones in C-5 system.
 Door can be released by various methods such as indoor phone, guard unit, ID card, password, SERVICE button and EXIT button.
 The IR illumination supports clear image even at night.
 A sound system is programmed for friendly intercommunication.
 The LCD window on the door panel makes the program very easy.

■ Dimensions



■ Installation



General Catalogue
Door station



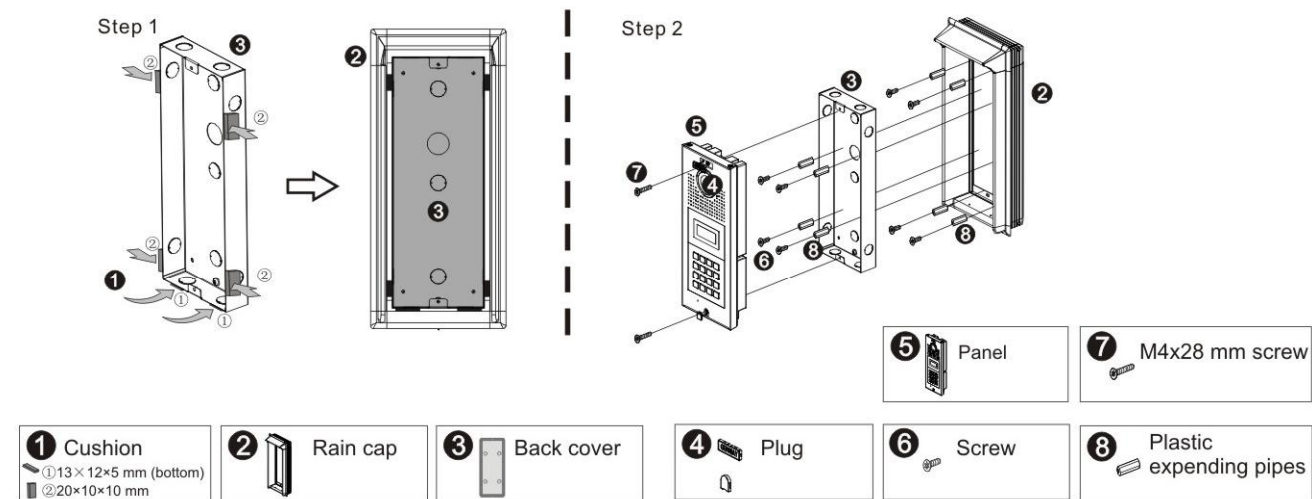
Working parameters:

Working voltage: DC 35V
Current: 50mA (DC 35V) stand by,200 mA when on
Environment temperature: -20°C ~ +70°C

FEATURES:

Aluminium alloy panel,water proof.
Compatible with all video indoor phones in C-5 system.
Door alarm function.
Door can be released by various methods such as indoor phone,guaass unit,ID card,password, or EXIT button.
The IR illumination supports clear image even at night.
The LCD window on the door panel makes the program very easy.

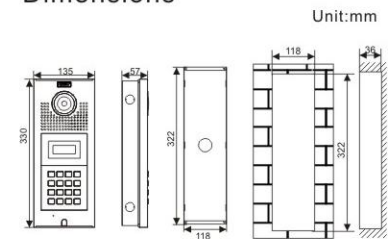
RAIN CAP INSTALLATION



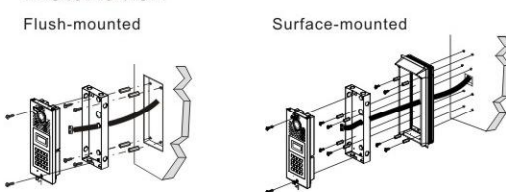
Step 1: Paste the cushion to the back cover, which can keep the door station on the middle of the rain cap perfectly.

Step 2: ① Fix the rain cover on the wall by 4 screws
② Put the back cover inside the rain cover and fix it with 4 screws
③ Put the out door panel into the back cover and fix it with 2 M4×28 mm screws
④ Put the plug back to the out door station

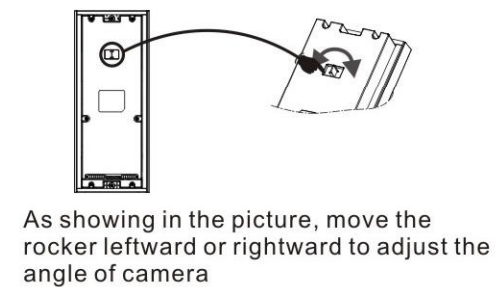
Dimensions



Installation



Adjust the angle of camera

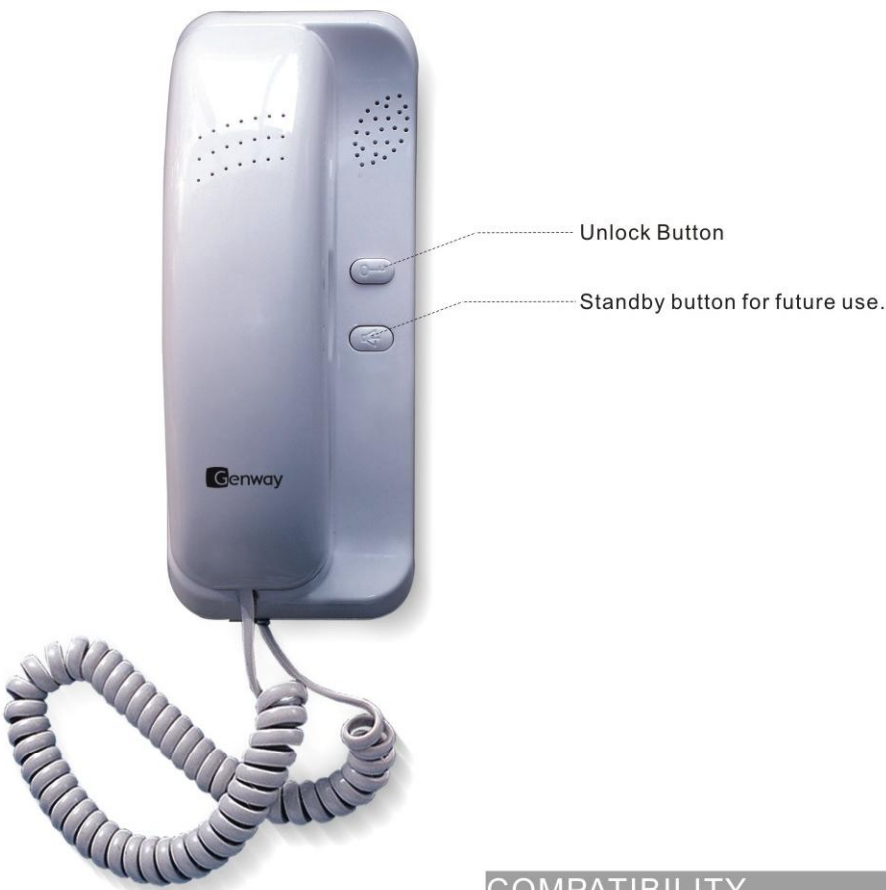


INDOOR PHONE

CHOOSE HANDSET OR HANDSFREE YOU LIKE

D SHELL

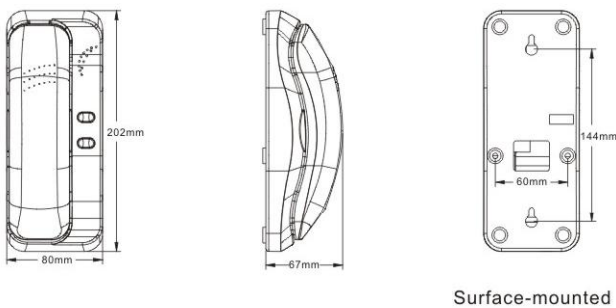
FUNCTION



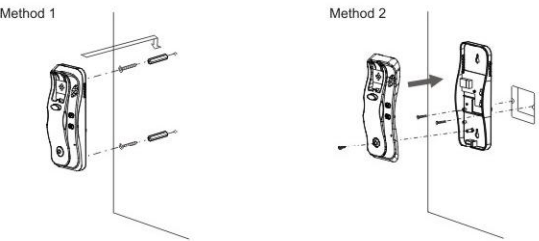
COMPATIBILITY

Available for 2-wire audio system,5-wire audio system,1+N system.

DIMENSION



INSTALLATION METHODS



TECHNICAL SPECIFICATION

For 1+N system

- a)Working Voltage:DC12V $\pm$ 10%
- b)Current:0mA Stand by,30mA when on
- c)Environment Temperature:-10 ~ +55℃
- d)Humidity :45% ~ 95%

For 5-wire audio system

WL-06DFaD Main Indoor phone

- a)Working Voltage:DC15V $\pm$ 10%
- b)Current:0mA Stand by,15mA when on
- c)Environment Temperature:-10 ~ +55℃
- d)Humidity :45% ~ 95%

WL-06DFbD Subsidiary Indoor phone

- a)Working Voltage:DC15V $\pm$ 10%
- b)Current:0mA Stand by,15mA when on
- c)Environment Temperature:-10 ~ +55℃
- d)Humidity :45% ~ 95%

For 2-wire audio system

- a)Working Voltage:DC14V $\pm$ 10%
- b)Current:0mA Stand by,15mA when on
- c)Environment Temperature:-10 ~ +55℃
- d)Humidity :45% ~ 95%

REFERENCES

2-wire audio system

D30D0 Audio handset

5-wire audio system

WL-06DFaD Audio,Master handset

WL-06DFbD Audio,Subsidiary handset

1+N system

WL-02NEFD Audio handset

H3 SHELL

COMPATIBILITY

Available for 2-wire video system.

FUNCTION



Unlock Button

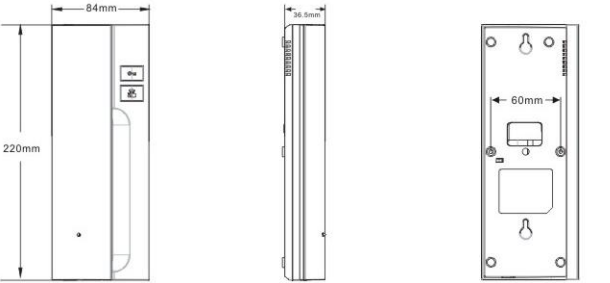
- 1. In standby mode, pick up the handset, and press it, the other indoor phones will ring.
- 2. Pick up the handset from one of the ringing indoor phone to answer the call. Any other indoor phones will stop ringing.

TECHNICAL SPECIFICATION

For 2-wire video system

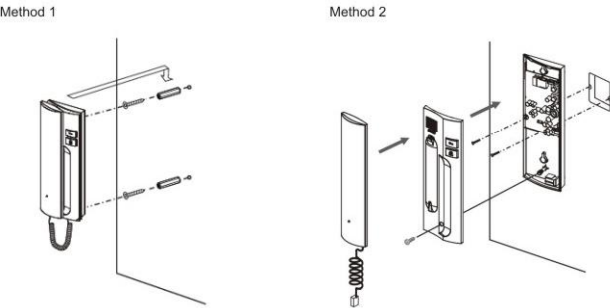
- a)Working Voltage:DC24V
- b)Current:40mA Stand by,100mA when on
- c)Environment Temperature:-10~+55℃
- d)Humidity :10% ~ 95%

DIMENSION



Surface-mounted

INSTALLATION METHODS



REFERENCES

- 2-wire video system
- 7H30P Audio,Subsidiary handset

H4 SHELL

COMPATIBILITY

Available for 2-wire audio system

FUNCTION



In the mute status, the indoor phone is called while it flashes

Unlock button

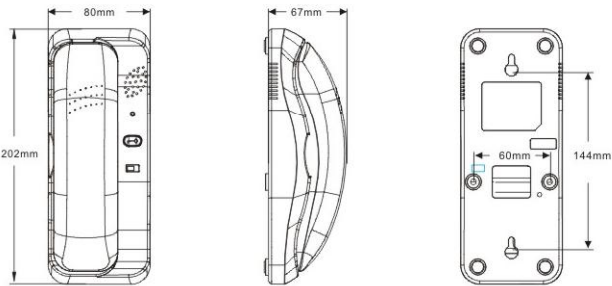
Mute switch: set this switch to turn off/on the ring

TECHNICAL SPECIFICATION

For 2-wire audio system

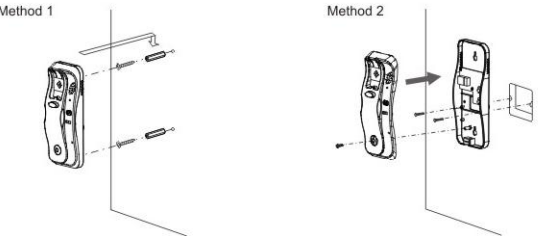
- a)Working Voltage:DC14V ± 10%
- b)Current:0mA Stand by,15mA when on
- c)Environment Temperature:-10 ~ +55℃
- d)Humidity :45% ~ 95%

DIMENSION



Surface-mounted

INSTALLATION METHODS

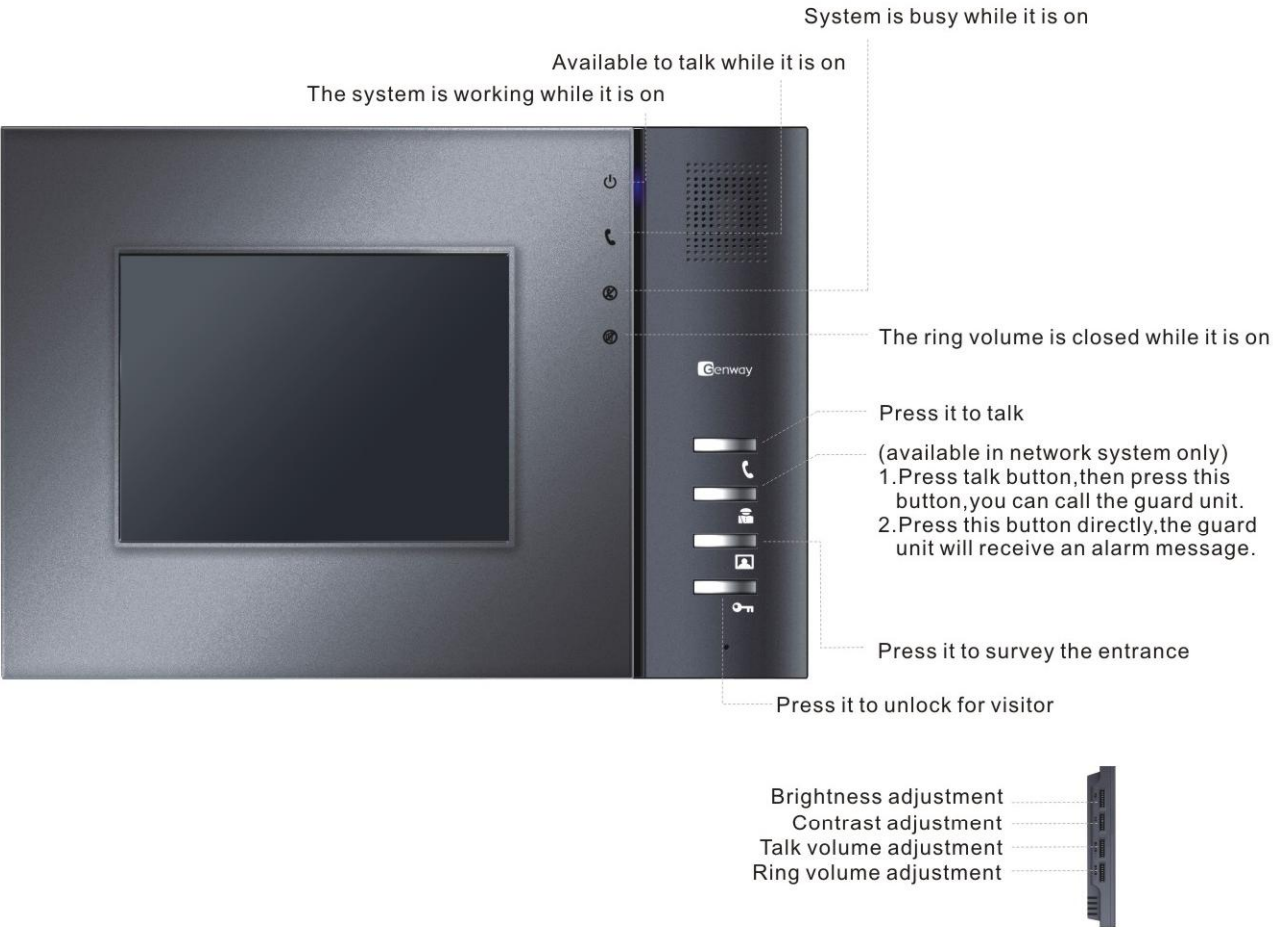


REFERENCES

- 2-wire audio system
- D3H40 Audio handset

V1 SHELL

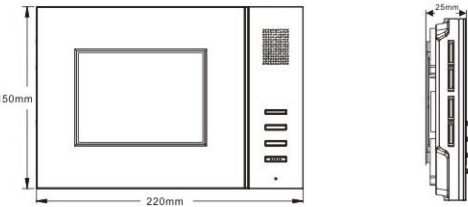
FUNCTION



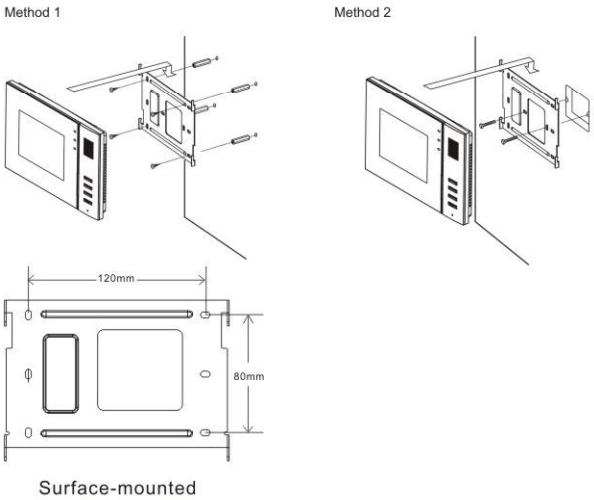
COMPATIBILITY

Available for 4-wire system,2-wire system,5+N system and C-5 system .

DIMENSION



INSTALLATION METHODS



TECHNICATION SPECIFICATION

For 4-wire system

- a)Color:5"TFT screen
- b)Resolution:320×234 lines
- c)Working Voltage:DC14V ± 10%
- d)Current:100mA Stand by,700mA when on
- e)Environment Temperature:-10 ~ +55℃

For C-5 system

- a)Color:5"TFT screen
- b)Resolution:320×234 lines
- c)Working Voltage:DC35V ± 10%
- d)Current:25mA Stand by,350mA when on
- e)Environment Temperature:-10 ~ +55℃

For 5+N system

- a)Color:5"TFT screen
- b)Resolution:320×234 lines
- c)Working Voltage:DC18V ± 10%
- d)Current:10mA Stand by,400mA when on
- e)Environment Temperature:-10 ~ +55℃

For 2-wire system

7010K Master Indoor phone

- a)Color:5"TFT screen
- b)Resolution:320×234 lines
- c)Working Voltage:DC24V ± 10%
- d)Current:100mA Stand by,500mA when on
- e)Environment Temperature:-10 ~ +55℃

7010P Subsidiary Indoor phone

- a)Color:5"TFT screen
- b)Resolution:320×234 lines
- c)Working Voltage:DC24V ± 10%
- d)Current:100mA Stand by,350mA when on
- e)Environment Temperature:-10 ~ +55℃

REFERENCES

4-Wire system

F3010 Video,Color

2-Wire system

7010K Video,Color, Master

7010P Video,Color,Subsidiary

5+N system

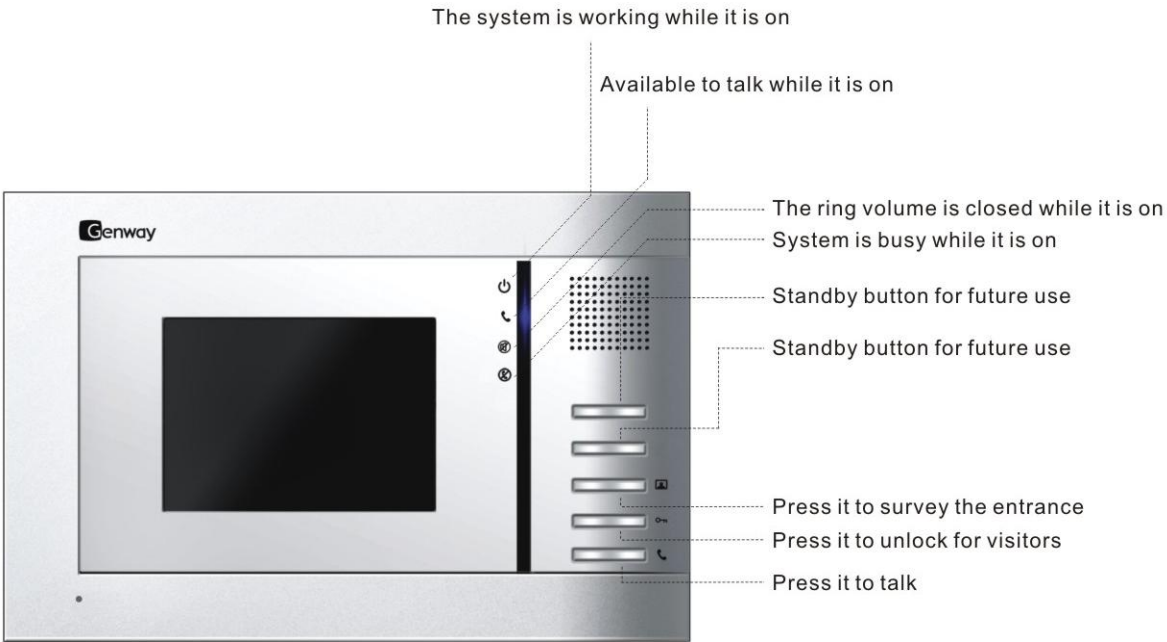
CM-02NERV1 Video,Color

C-5 system

C3010 Video,Color

V3 SHELL

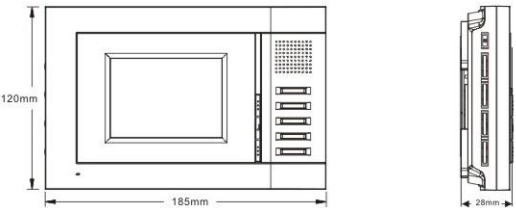
FUNCTION



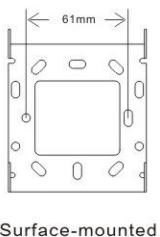
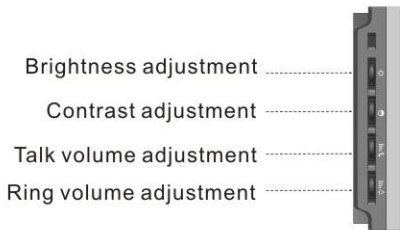
COMPATIBILITY

Available for 4-wire system, 5+N system and C-5 system.

DIMENSION



INSTALLATION



TECHNICAL SPECIFICATION

For 4-wire system

- a)Color:3.5"TFT screen
- b)Resolution:160×234 lines
- c)Working Voltage:DC14V ± 10%
- d)Current:100mA Stand by,700mA when on
- e)Environment Temperature:-10 ~ +55℃

For 5+N system

- a)Color:3.5"TFT screen
- b)Resolution:160×234 lines
- c)Working Voltage:DC18V ± 10%
- d)Current:10mA Stand by,400mA when on
- e)Environment Temperature:-10 ~ +55℃

For C-5 system

- a)Color:3.5"TFT screen
- b)Resolution:160×234 lines
- c)Working Voltage:DC35V ± 10%
- d)Current:25mA Stand by,350mA when on
- e)Environment Temperature:-10 ~ +55℃

REFERENCES

4-wire system	
F3030	Video,Color
5+N system	
CM-02NERV3	Video,Color
C-5 system	
C3030	Video,Color

V11 SHELL

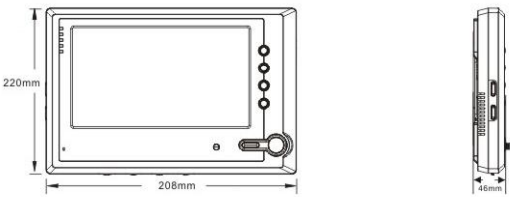
FUNCTION



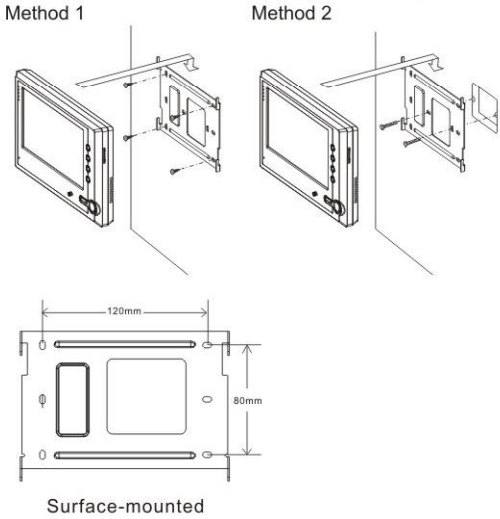
COMPATIBILITY

Available for 4-wire system and C-5 system .

DIMENSION



INSTALLATION METHODS



TECHNICAL SPECIFICATION

For 4-wire system

- a)Color:7" TFT screen
- b)Resolution:480×234 lines
- c)Working Voltage:DC14V ± 10%
- d)Current:100mA Stand by,700mA when on
- e)Environment Temperature:-10 ~ +55℃

For C-5 system

- a)Color:7" TFT screen
- b)Resolution:480×234 lines
- c)Working Voltage:DC35V ± 10%
- d)Current:25mA Stand by,350mA when on
- e)Environment Temperature:-10 ~ +55℃

REFERENCES

4-wire system

F3110 Video, Color

C-5 system

C3110 Video, Color

V12 SHELL

FUNCTION



- The system is working while it is on
- Available to talk while it is on
- System is busy while it is on
- Standby button for future use
- Press it to unlock for visitors
- Press it to survey the entrance

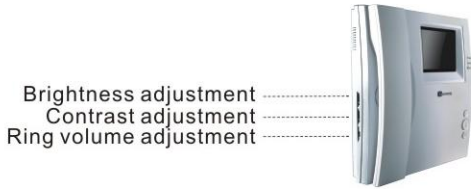
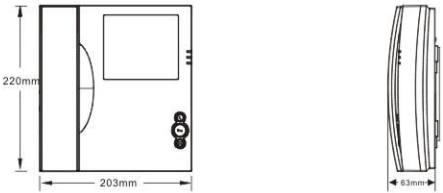


With built-in power supply

COMPATIBILITY

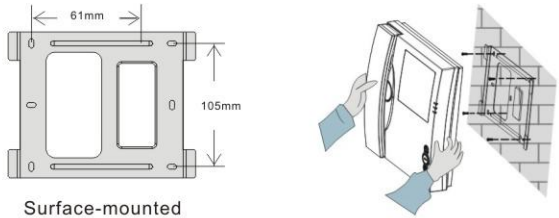
Available for 4-wire system,5+N system and C-5 system .

DIMENSION



- Brightness adjustment
- Contrast adjustment
- Ring volume adjustment

INSTALLATION METHODS



Surface-mounted



TECHNICAL SPECIFICATION

For 4-wire system

- a)B/W:4"CRT screen
- b)Resolution:>450 lines
- c)Working Voltage:DC14V ± 10%
- d)Current:100mA Stand by,700mA when on
- e)Environment Temperature:-10 ~ +55℃

For 5+N system

- a)B/W:4"CRT screen
- b)Resolution:>450 lines
- c)Working Voltage:DC18V ± 10%
- d)Current:10mA Stand by,500mA when on
- e)Environment Temperature:-10 ~ +55℃

For C-5 system

- a)B/W:4"CRT screen
- b)Resolution:>450 lines
- c)Working Voltage:DC35V ± 10%
- d)Current:10mA Stand by,350mA when on
- e)Environment Temperature:-10 ~ +55℃

REFERENCES

4-wire system

F3120-B	Video,B/W handset
F3120-BN	Video,B/W handset Built-in Power Supply

5+N system

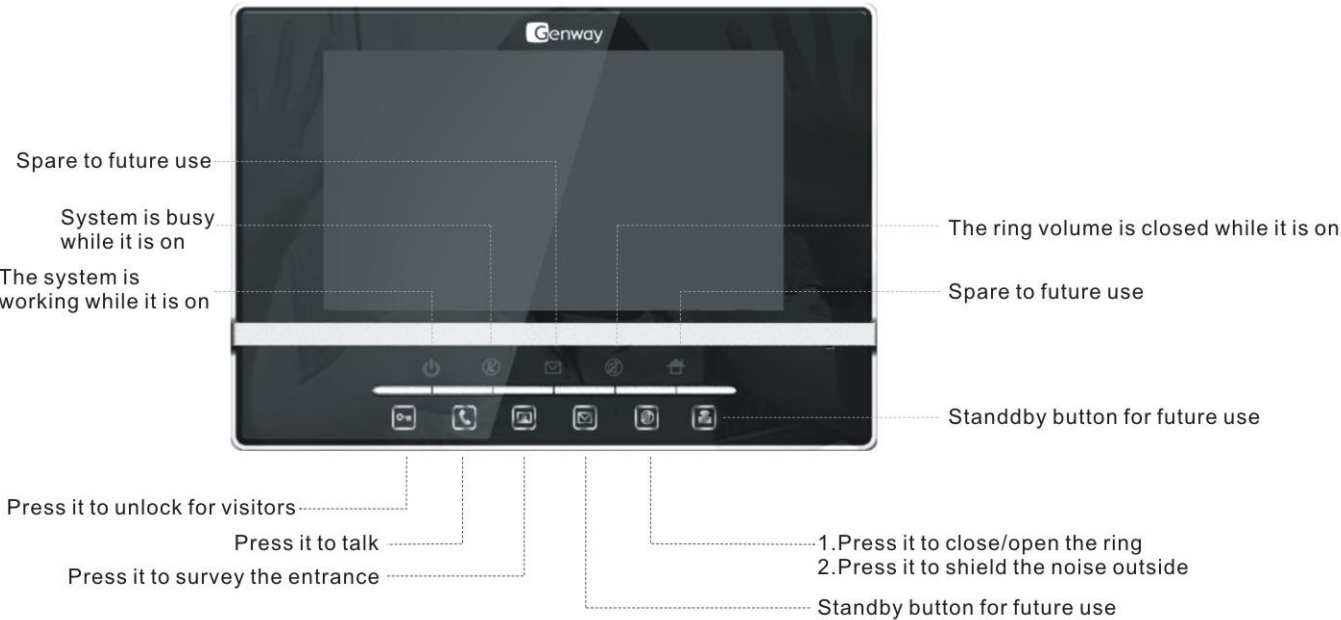
CM-02NERV12	Video,B/W handset
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C-5 system

C3120-B	Video,B/W handset
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V13 SHELL

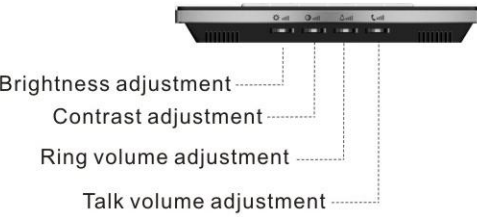
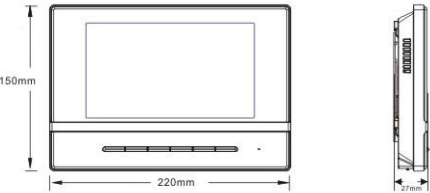
FUNCTION



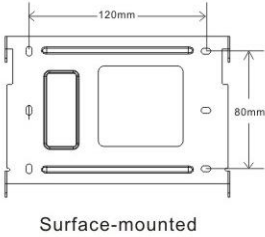
COMPATIBILITY

Available for 2-wire system.

DIMENSION



INSTALLATION



TECHNICAL SPECIFICATION

For 2-wire system

7130K Master Indoor phone

- a)Color:7" TFT screen
- b)Resolution:480×234 lines
- c)Working Voltage:DC24V ± 10%
- d)Current:100mA Stand by,500mA when on
- e)Environment Temperature:-10 ~ +55℃

7130P Subsidiary Indoor phone

- a)Color:7" TFT screen
- b)Resolution:480×234 lines
- c)Working Voltage:DC24V ± 10%
- d)Current:100mA Stand by,350mA when on
- e)Environment Temperature:-10 ~ +55℃

REFERENCES

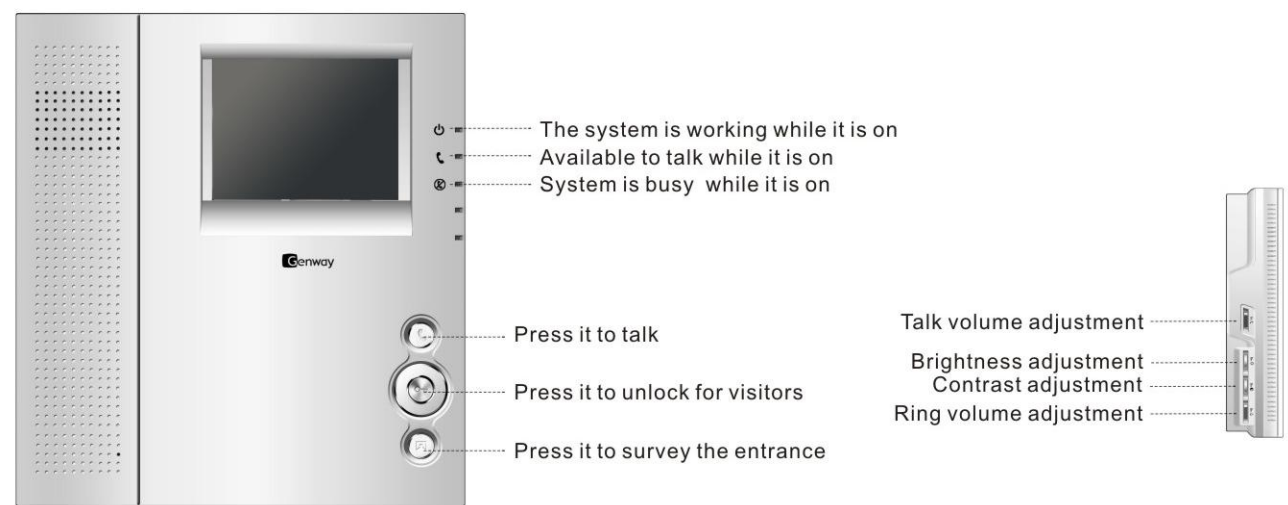
2-wire system

7130K Video,Color, Master

7130P Video,Color, Subsidiary

V20 SHELL

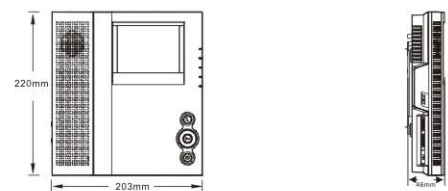
FUNCTION



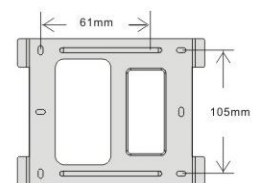
COMPATIBILITY

Available for 4-wire system, 5+N system and C-5 system.

DIMENSION



INSTALLATION METHODS



Surface-mounted

REFERENCES

4-wire system		C-5 system	
F3200-B	Video, B/W handfree	C3200-B	Video, B/W handfree
5+N system			
CM-02NERV20	Video, B/W handfree		



ACCESSORIES

NEEDS EXCEPT DOOR STATION AND INDOOR PHONE

DISTRIBUTOR

CM-02NECH-162 For 5+N system

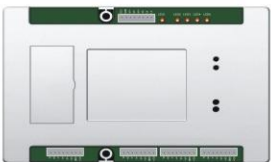
Distribute the audio and vidoe signal, it can support up to 4 indoor phones in each apartment.



Ref.CM-02NECH-162

C4113 For C-5 system

Distribute the audio and vidoe signal,it can support up to 4 indoor phones for different apartment or the same apartment according you need.



Ref.C4113

GATE-WAY

CM-02NEQH For 5+N system

Switch the audio and video signal from and to two door stations.
It is applied when there are two door entrance in a same building.One gate-way supports up to 12 apartments.



Ref.CM-02NEQH

C4301 For C-5 system

Network equipment.(master)Exchange the audio and video signal.



Ref.C4301

F4300

For 4-wire system

Switch the audio and video signal from and to the 2 villa door stations.
It is applied when there are two door entrance in a same villa.



Ref.F4300

SWITCH

C4401

For C-5 system

Network equitment.(master) Exchange the audio and video signal. One port of switch can connect: 1 perimeter gate station/1 guard unit/1 network spur break(which can connect at most for 63 gate-way,adopts hand in hand connection method)/1 switch.



Ref.C4401

ACCESSARY DOOR STATION

WL-02NEK 1X10 For 1(5)+N system

It is used when the door station can't meet the need of user's apartment quantities.

Specifications

- a)Operating voltage: DC 12.6V
- b)Current:70mA Stand by,75mA when on
- c)Temperature: -40°C ~ +70C
- d)Humidity: 45% ~ 95%



Ref.WL-02NEK1×10

POWER SUPPLY

PS-2EFor 1+N system

Input voltage: AC 110/120/220/230/240V 50/60HZ
Output voltage: DC 13.5V
Output current : 0.8A
Type: linear power supply



Ref.PS-2E

PS-5EFor 5+N system

Input voltage : AC 110/120/220/230/240V 50/60HZ
Output voltage : DC 18V
Output current : 0.8A
Type: linear power supply



Ref.PS-5E

4001For C-5 system

Input voltage : AC 180 ~ 270V 50/60HZ
Output voltage : DC 35V
Output current : 1.4A
Type : switch power supply



Ref.4001

4003For 5-wire system

Input voltage : AC 220V 50HZ
Output voltage : DC 15V / DC 12V
Output current: 0.3A / 0.6A
Type : linear power supply



Ref.4003

4007For 5+N system

Input voltage : AC 230V 50HZ
Output voltage : DC 18V / AC 12V
Output current : 1.5A / 1A
Type : linear power supply



Ref.4007

4008For C-5 system

Input voltage : AC 90V ~ 130V 50/60HZ
Output voltage : DC 35V
Output current : 1.4A
Type : switch power supply



Ref.4008

4013For 4-wire system

Input voltage : AC 100V ~ 240V 50HZ
Output voltage : DC 14V
Output current : 0.8A
Type : switch power supply



Ref.4013

4014For 2-wire system

Input voltage : AC 230V
Output voltage : DC 24V / AC 12V
Output current : 0.6A / 0.5A
Type : linear power supply



Ref.4014

4016For 4-wire system

Input voltage : AC 230V
Output voltage : DC 14V / AC 12V
Output current : 1.5A / 1A
Type : linear power supply



Ref.4016

4017For 2-wire system

Input voltage : AC 100V ~ 240V 50HZ
Output voltage : DC 24V
Output current : 0.8A
Type : switch power supply



Ref.4017

PERIMETER GATE STATION

C6831D-C For C-5 system

Be fitted on the main entrance,with the intercom,door release and other functions.

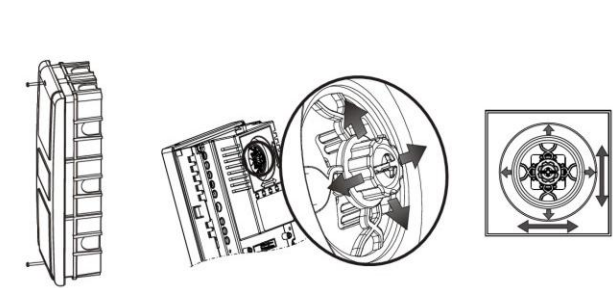
Product Features

- ◆ Zinc alloy panel, water proof
- ◆ Door alarm function
- ◆ Door can be released by various methods such as indoor phone, guard unit, ID card, password, or EXIT button
- ◆ Camera is adjustable. The IR illumination support clear image even at night
- ◆ The LCD display makes the program very easy

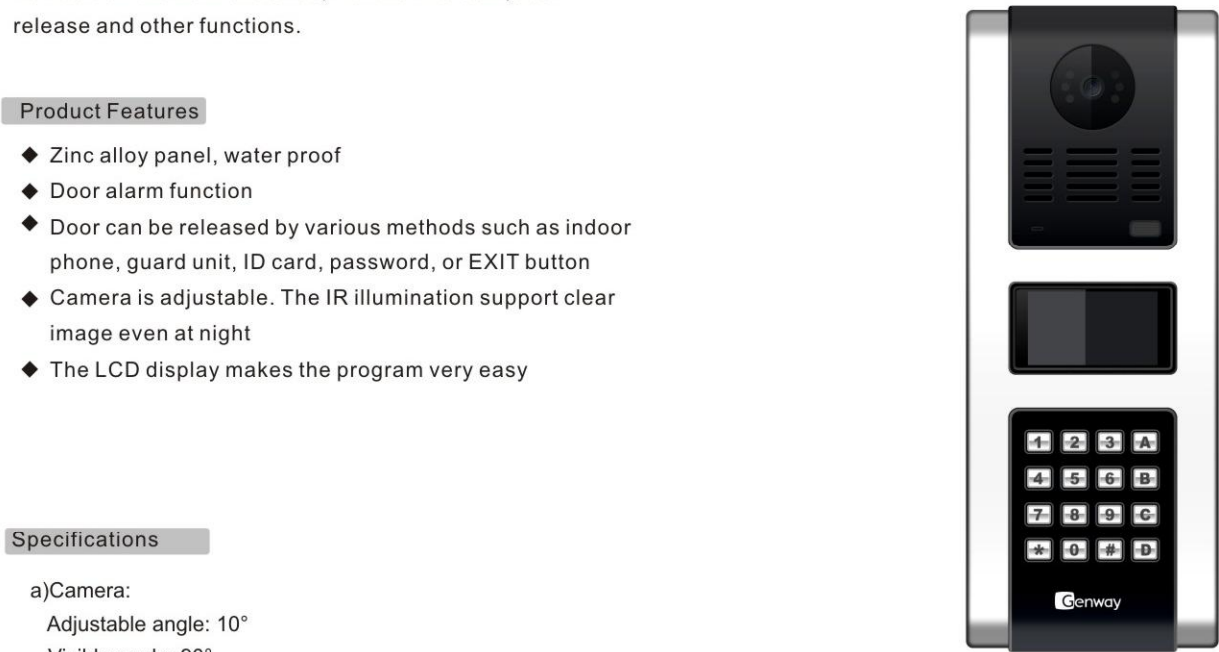
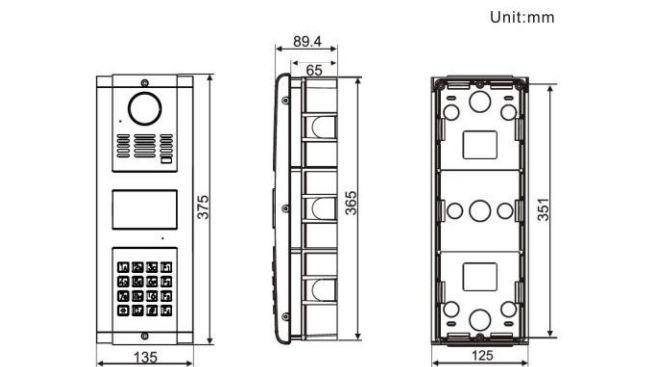
Specifications

- a)Camera:
 - Adjustable angle: 10°
 - Visible angle: 90°
 - Light source: White light LED
- b)Operating voltage: DC 35V
- c)Current: 90mA Stand by,260mA when on
- d)Temperature: -20℃~+70℃
- e)Model size: 70.6×38.6 mm
- f)Resolution: 128×64 lines

Camera adjustment

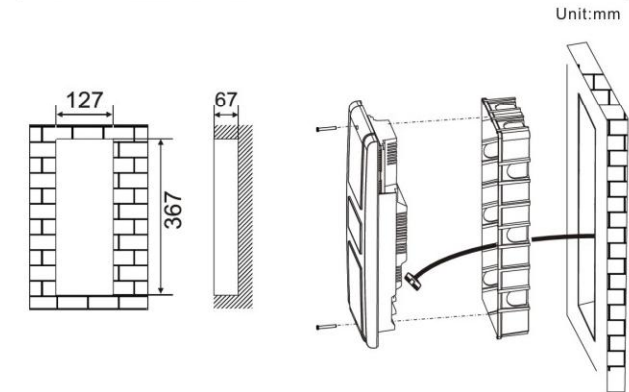


Dimensions

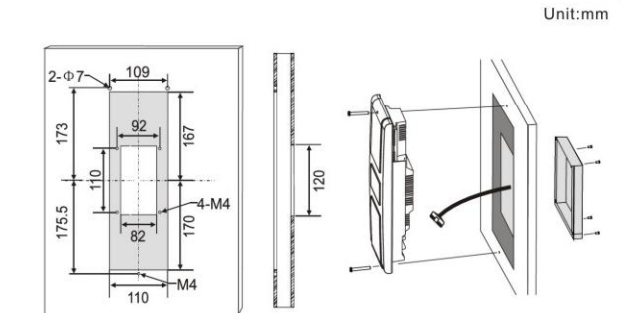


Ref.C6831D-C

Wall Installation



Iron door Installation



REMOTE CONTROL For C-5 system / 4-wire system

Specifications

Key	Function
TIME ⌚	Report time or program /time & date/.
RING 🔔	Choose ring type or program ring volume.
UNLOCK 🚪	Program /Unlock time/.
0~9	Digits
SERVICE	Program /SERVICE function/.
EXTRA	Program cards together with /REG-/ and /DEL+/ buttons
CLEAR	Delete the wrong number.
EXIT	Back to the top menu or out of program.
REG -	Register cards or turn down the ring volume.
DEL+	Cancel cards or turn up the ring volume.
ENTER	Confirm button
FN 📶	Function button

Specifications

- a)Battery: DC 3V, 1.5V AAA(2pcs)
- b)Available distance: ≤3 meters
- c)Angle: ≥30°



It is applied in G9 shell direct call door stations.

GUARD UNIT

C6806D-C For C-5 system

Monitor any door station,two-way communication with all users, review and save the alarm records.

Product Features

- ◆Video intercom: Achieve the video intercom between the visitor/user and the guard unit
- ◆Real time monitor: Monitor door station's situation and perimeter gate station's situation at any time
- ◆Alarm message: Receive the alarm zone's message to guarantee the community's safety
- ◆Register the card: Register the card by different methods
- ◆Message sending: Send message to the indoor phone by PC (Optional)

Specifications

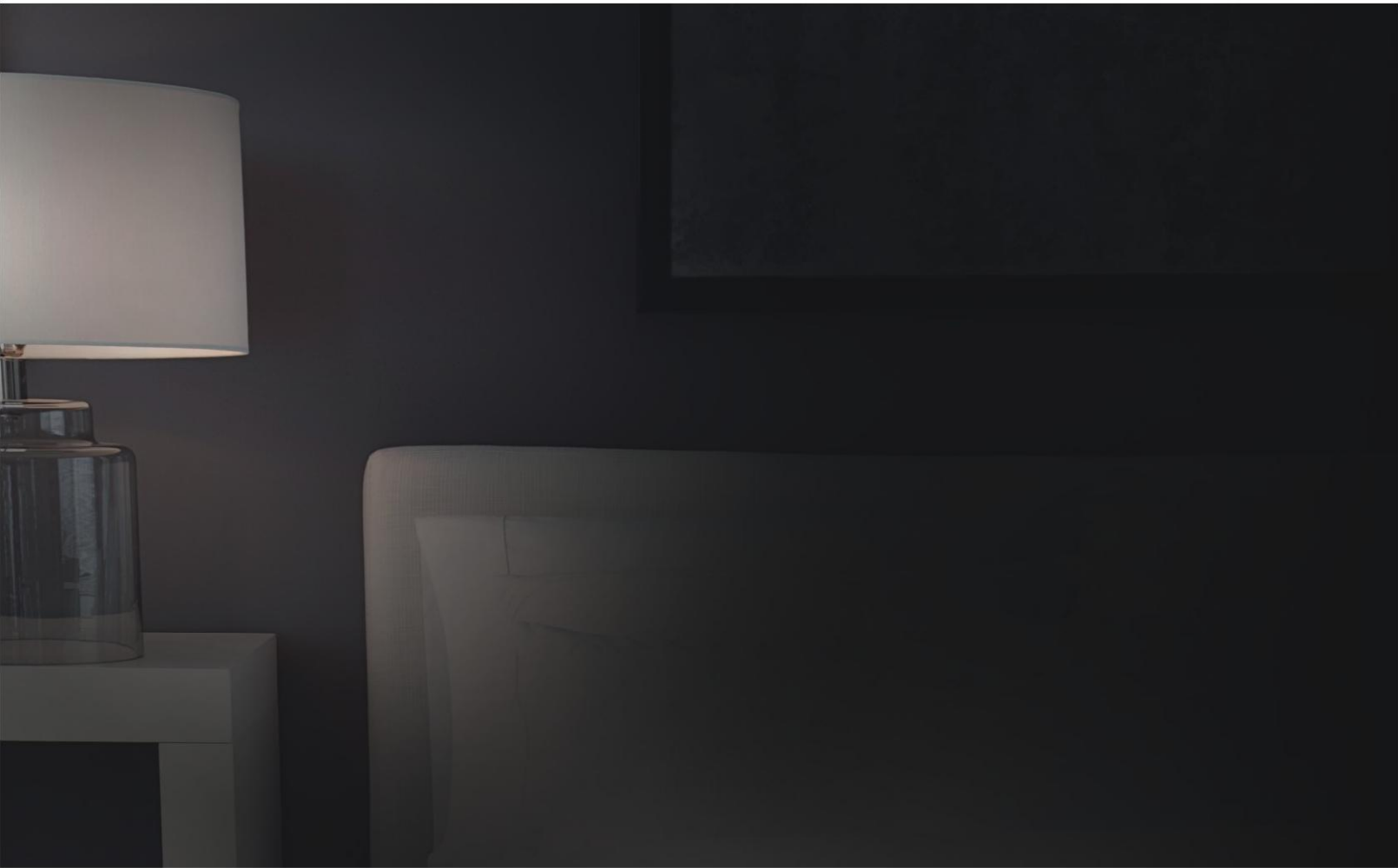
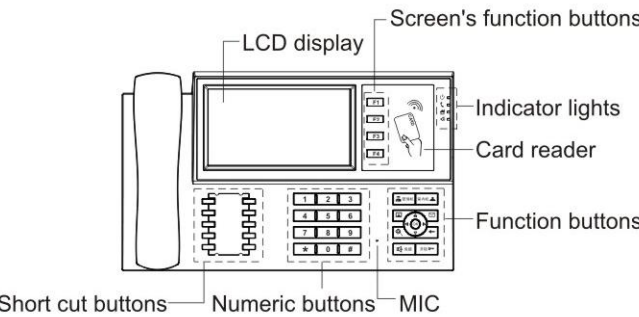
Operating voltage: DC 30V~35V
Quiescent current: ≤120mA(35V)
Operating current: ≤180mA(35V)
LCD screen: 7 " color LCD; Resolution: 480×234 L;
Video input: 1Vp_p/75 Ω;
Video output: 1Vp_p/75 Ω;
Dimension(W/H/D): 357mm×216mm×71mm



Ref.C6806D-C

Appearance&Functions

Indicator lights	Power supply indicator: This light flickers when power on.
	Talk indicator light: This light will be on when ringing, monitoring or talking.
	Alarm indicator light: This light will flicker when new alarm message come in or when there has unread message.
	Hand-free indicator light: This light will be on when the guard unit is in the state of hands free.
Function buttons	Call button (guard unit): Press this button, then input guard No. to call.
	Call button (indoor phone):Press this button, then input indoor phone No. to call.
	Monitor button: Press this button, then input door station No. to monitor.
	Message send button: Press this button to enter message sending interface and send message to user.
	Message check button: Press this button to enter message checking interface to check alarm message, picture message, talk message, unlock message and so on.
	Backspace key: Press this button to hang up, return to previous menu or delete the wrong input letter.
	Hand-free button: Press this button to enter hand-free talking when in ringing status or talking status.
	Unlock button: Press this button to unlock the door station or perimeter gate station.
Numeric buttons	Digital button ranges from 0-9; * button: Press this button to return the previous interface.
Screen's function buttons	F1/F2/F3/F4: This part's buttons are in accordance with the left part's screen function button.
Short cut buttons	When in monitoring and calling operation, press the shortcut key to enter the corresponding No. (Note: The user can set 10 common used No.)

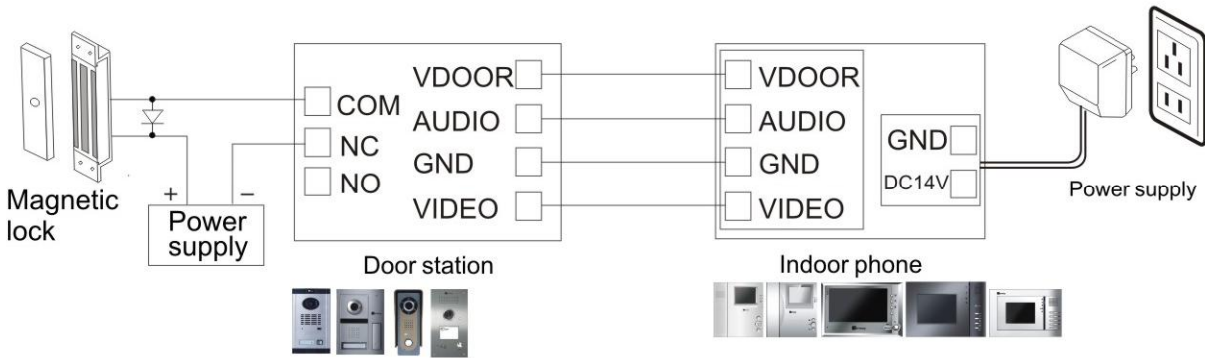


SYSTEM DIAGRAM

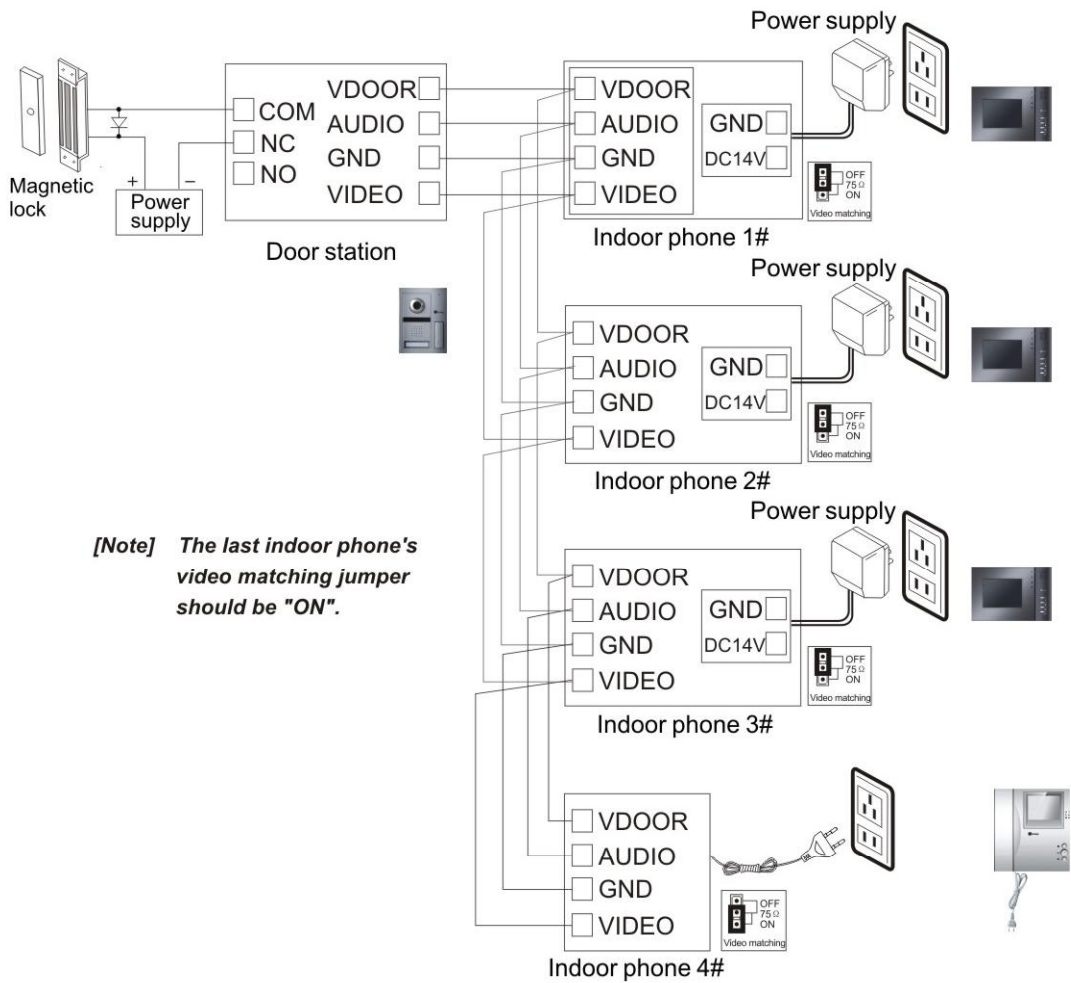
HOW TO CONNECT THE SYSTEM

4-WIRE VIDEO SYSTEM

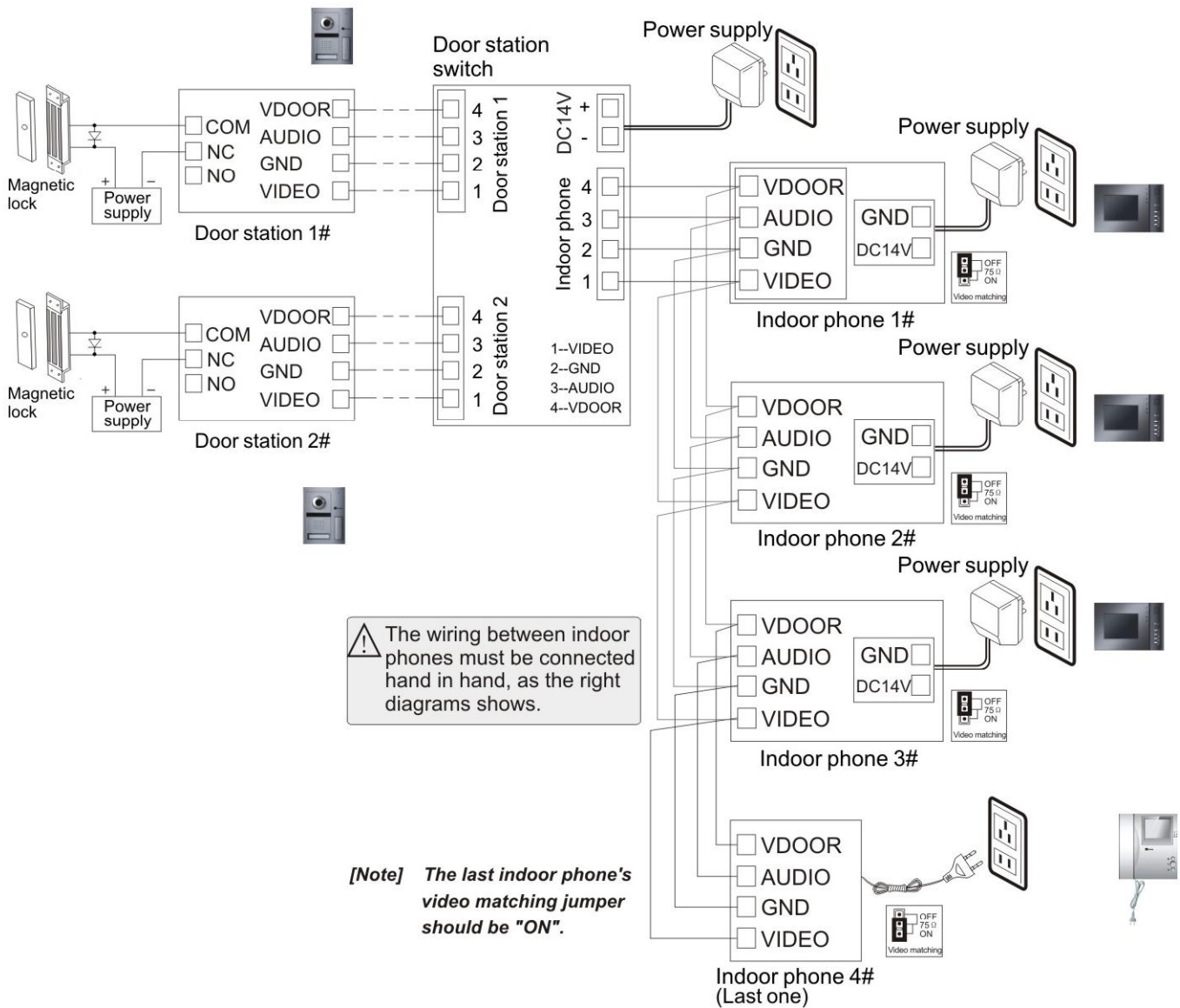
If you want to connect 1 door station and 1 indoor phone, please refer to the diagram as follows.



If you want to connect 1 door station and 4 indoor phones, please refer to the diagram as follows.



If you want to connect 2 door stations and 4 indoor phones, please refer to the diagram as follows.

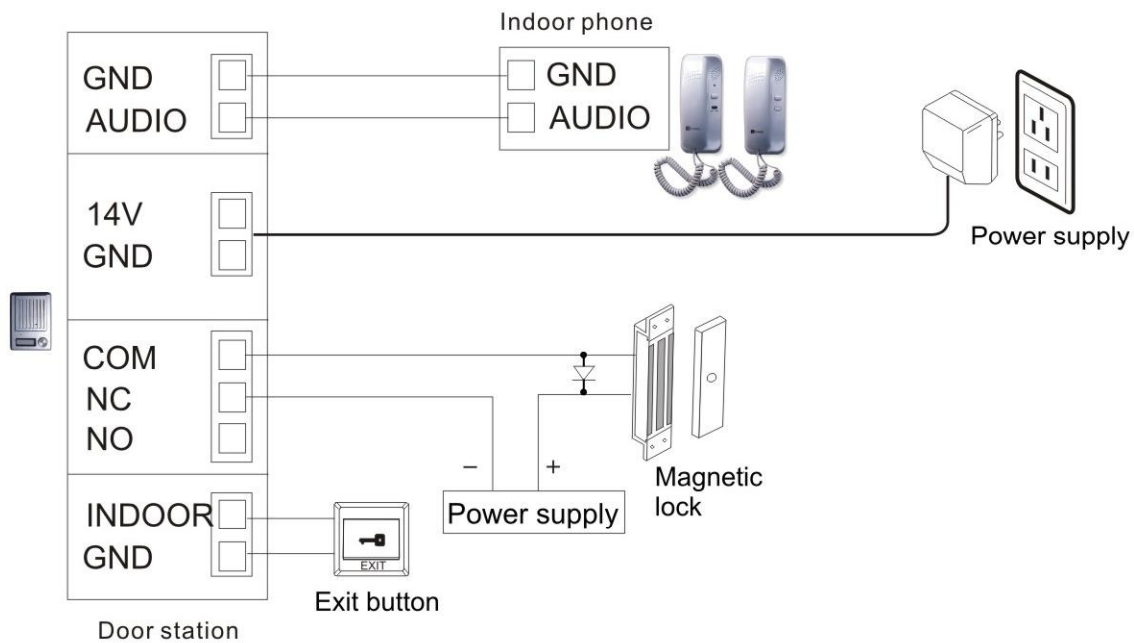


Wiring suggestion:

- Wiring distance from door station to the last indoor phone should be less than 100m.
- If distance $\leq 50\text{m}$, use quad cable, with the single wire resistance $< 4\ \Omega$. Recommend RVV4 $\times 0.75$ wire.
 - If distance $> 50\text{m}$, use 2-core cable and coaxial-cable, with the single wire resistance $< 4\ \Omega$. Recommend RVV2 $\times 1.0$ and SYV-75-5 wire.
 - VDOOR, AUDIO terminal use 2-core cable.
 - VIDEO, GND terminal use coaxial cable.

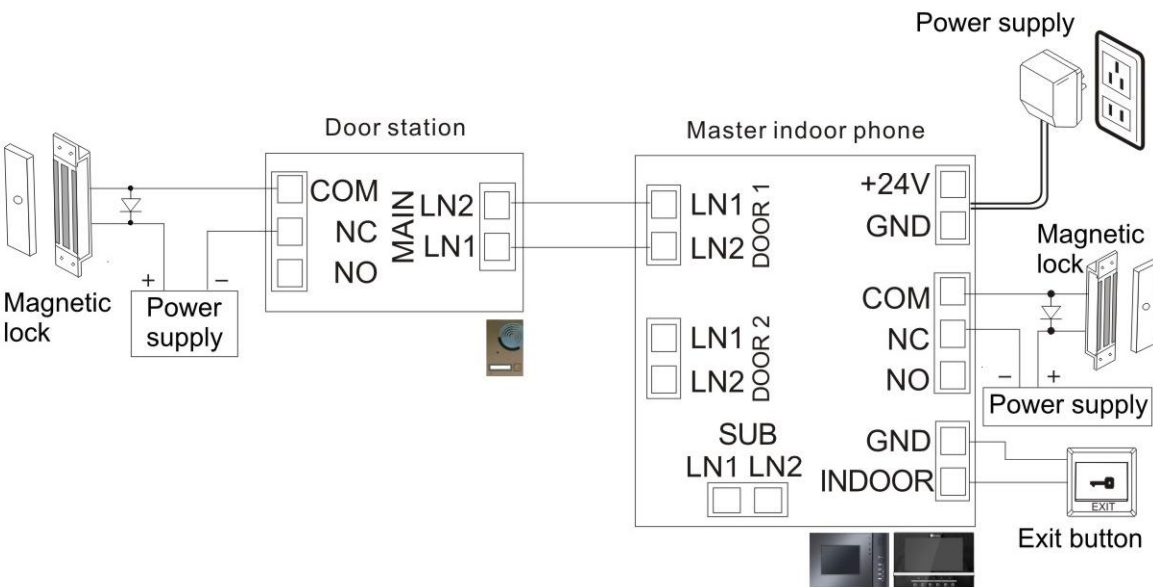
2-WIRE AUDIO SYSTEM

If you want to connect 1 audio door station and 1 audio indoor phone, please refer to the diagram as follows.

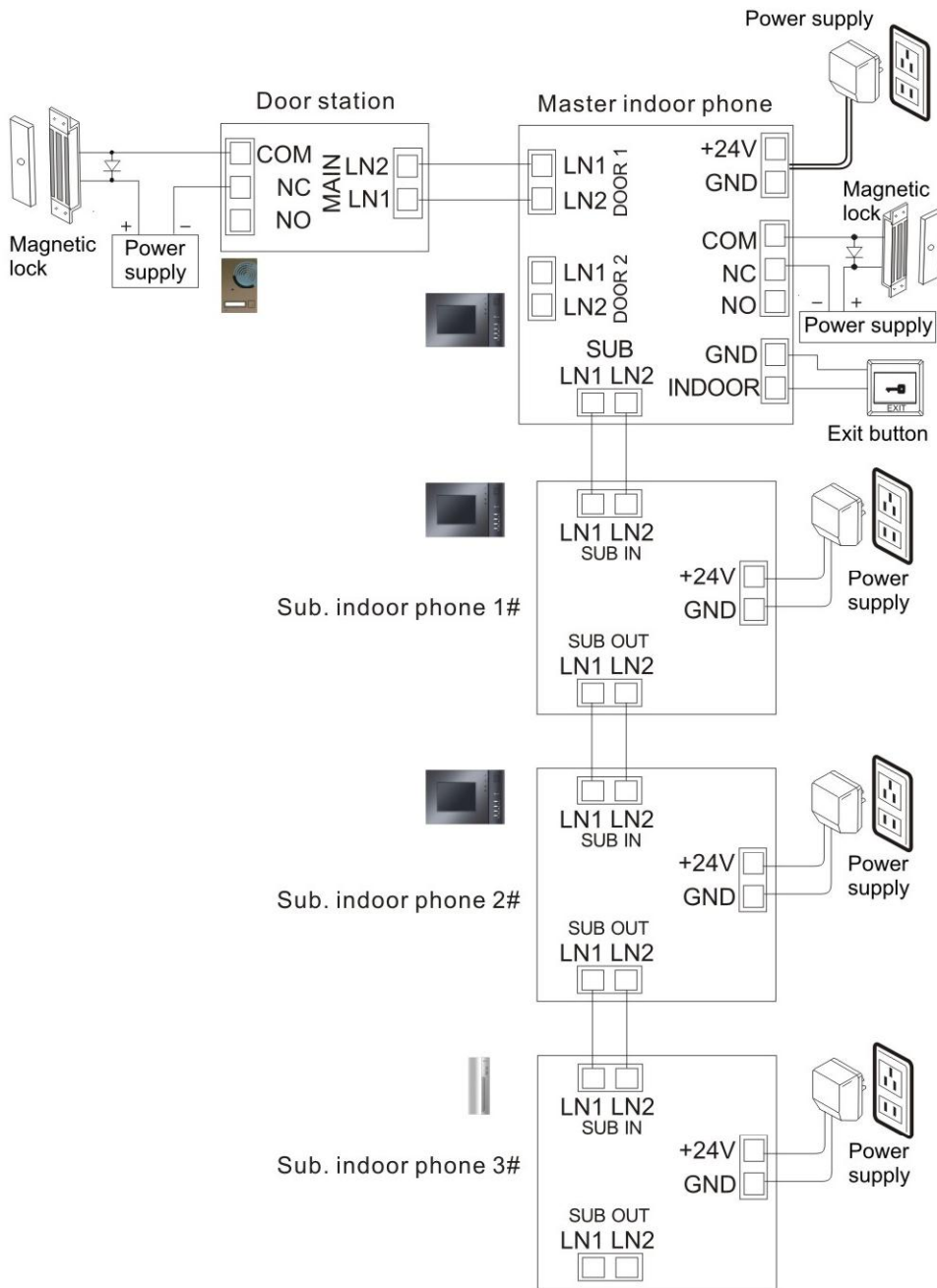


2-WIRE VIDEO SYSTEM

If you want to connect 1 video door station and 1 video indoor phone, please refer to the diagram as follows.



If you want to connect 1 door station and 4 indoor phones, please refer to the diagram as follows.

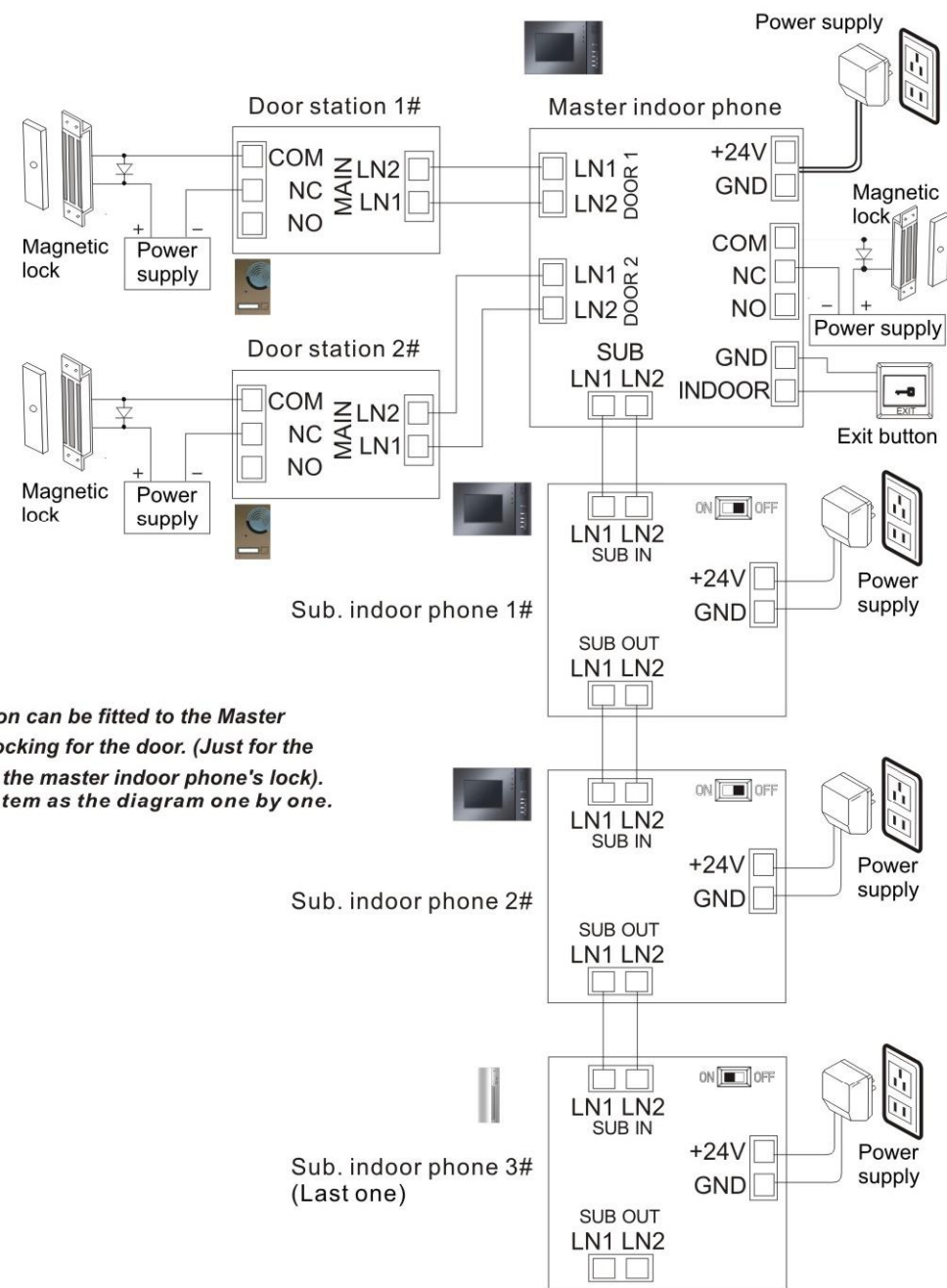


Type of cable	Distance between door station and last indoor phone
RVV 2×0.75mm ²	≤100m
SYV-75-5-2	≤200m
UTP5	≤200m

Wiring suggestion:
Distance between door station and last indoor phone depends on the type of the cable used. Recommend Cable and the maximum distance between door station and last indoor phone shows on left side.

2-WIRE VIDEO SYSTEM

If you want to connect 2 door stations and 4 indoor phones, please refer to the diagram as follows.

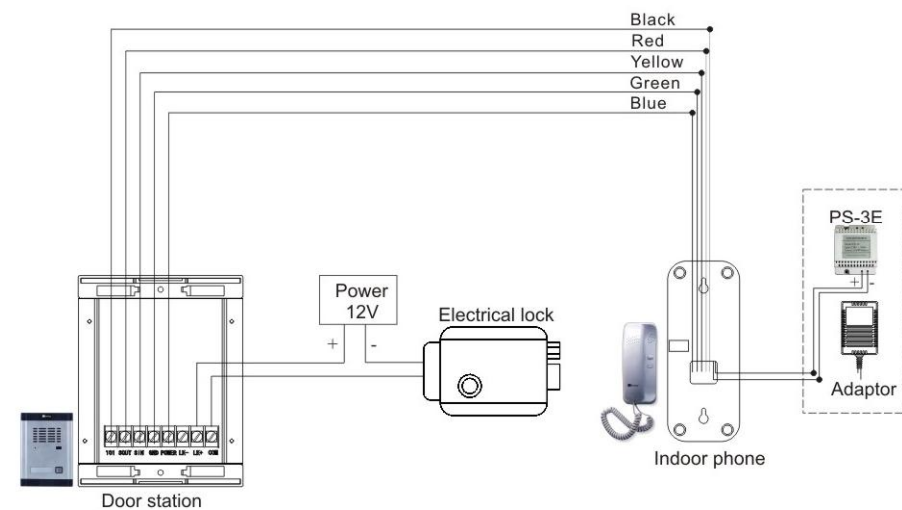


[Note]
1. An optional exit button can be fitted to the Master monitor to provide unlocking for the door. (Just for the unlocking is applied to the master indoor phone's lock).
2. Please wire the system as the diagram one by one.

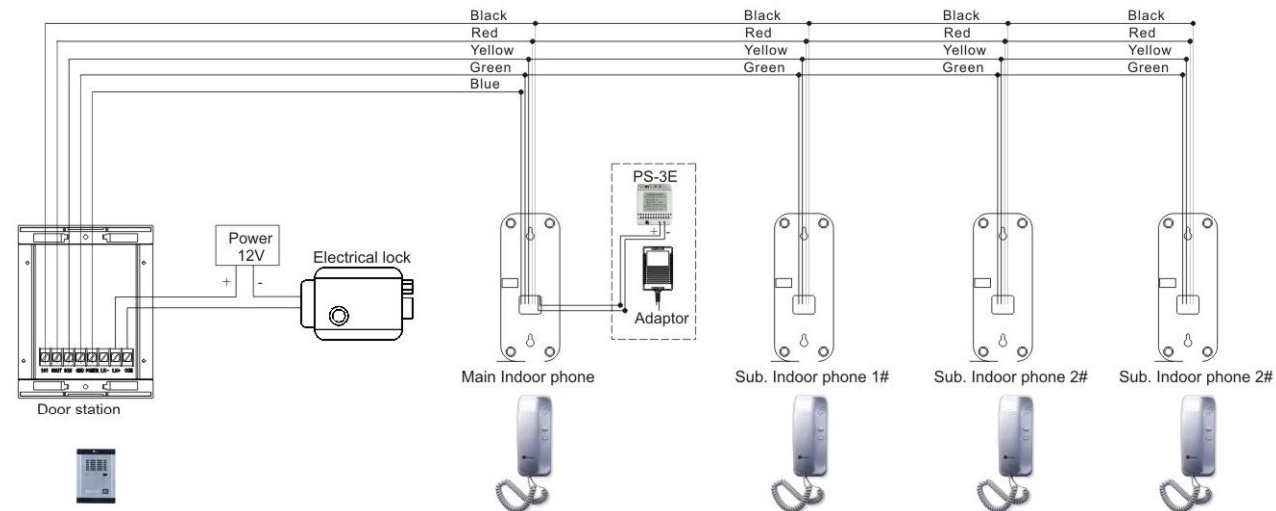
Switches on the back of the indoor phone.	
Unlock time setting: (Only for the Master indoor phone) Unlock time: 1s Unlock time: 5s	
ON  OFF	ON  OFF
Video matching: (Only for the Sub. indoor phone) The last indoor phone's switch should be "ON", and the other Sub. indoor phones' switch should be "OFF".	

5-WIRE AUDIO SYSTEM

If you want to connect 1 door station and 1 indoor phone, please refer to the diagram as follows.



If you want to connect 1 door station and 4 indoor phones, please refer to the diagram as follows.

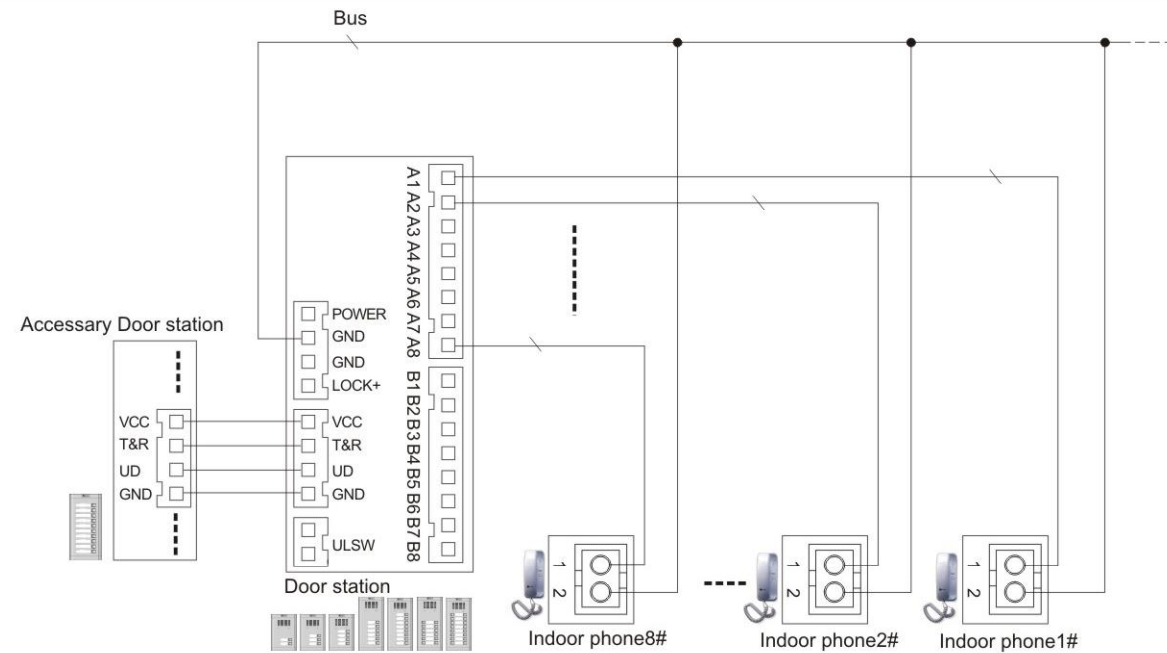


Wiring suggestion:
Wiring between door station and indoor phone: Within the distance of 50 meters, use wire thicker than RVV5×0.5mm² multi-copper wire. Wire cross section should be adjusted according to wire distance.

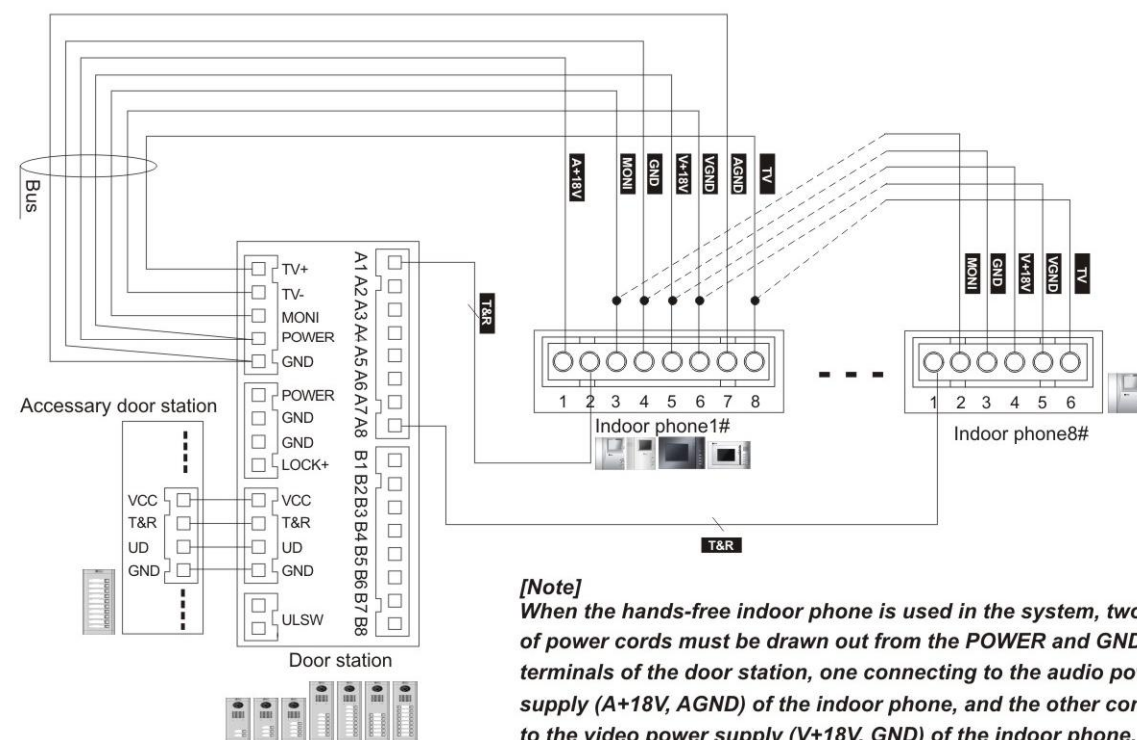
General Catalogue System diagram

1(5)+N SYSTEM:The system is the direct-call structure, which is easy to install and debug. The surface-mounted indoor phone supports duplex communication with the door station as well as remote unlocking and monitor function. The door station uses built-in infrared light, by which the visitor can be clearly identified even at night.

1+N AUDIO SYSTEM



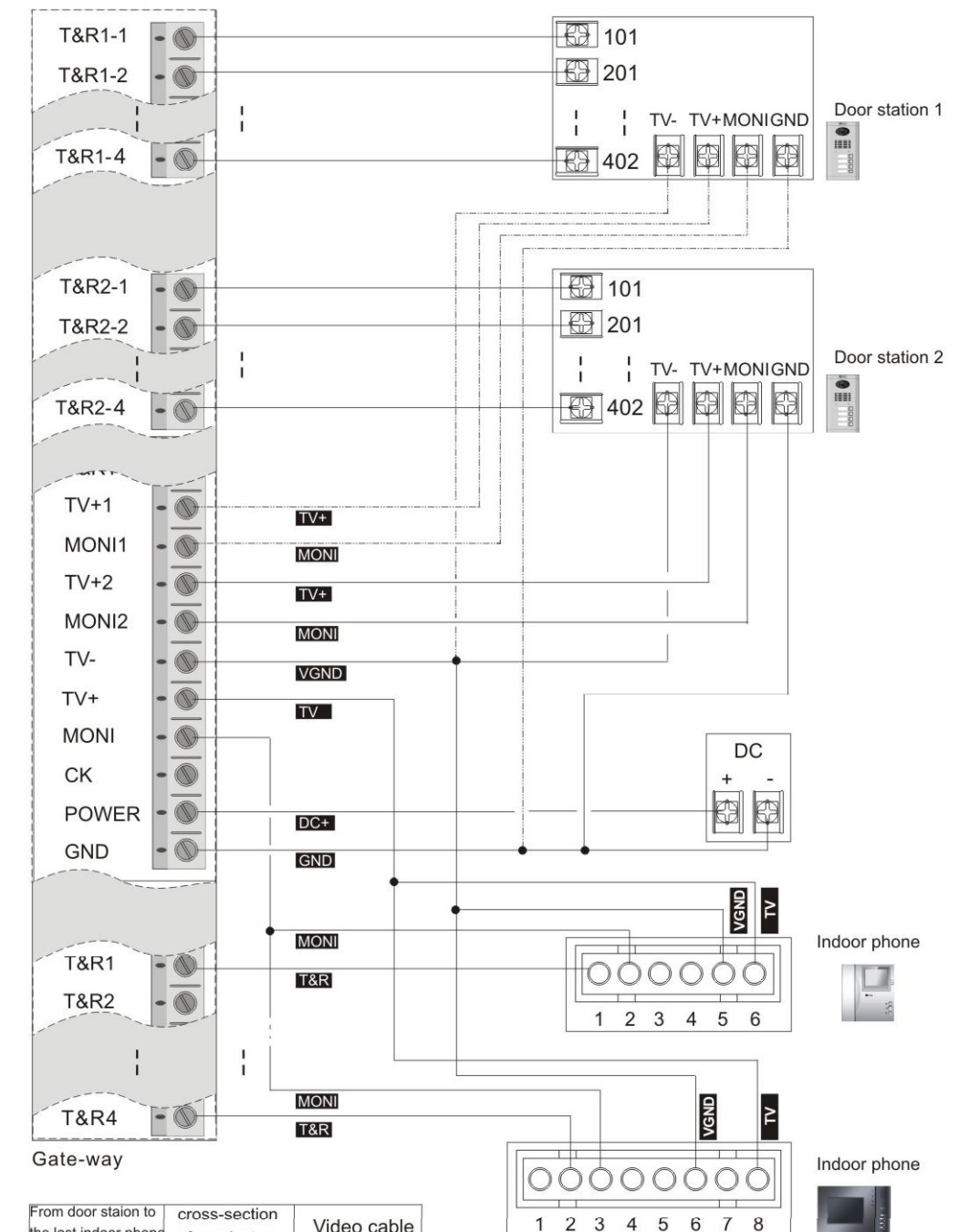
5+N VIDEO SYSTEM



[Note]
When the hands-free indoor phone is used in the system, two groups of power cords must be drawn out from the POWER and GND terminals of the door station, one connecting to the audio power supply (A+18V, AGND) of the indoor phone, and the other connecting to the video power supply (V+18V, GND) of the indoor phone.

5+N VIDEO SYSTEM(WITH CM-02NEQH)

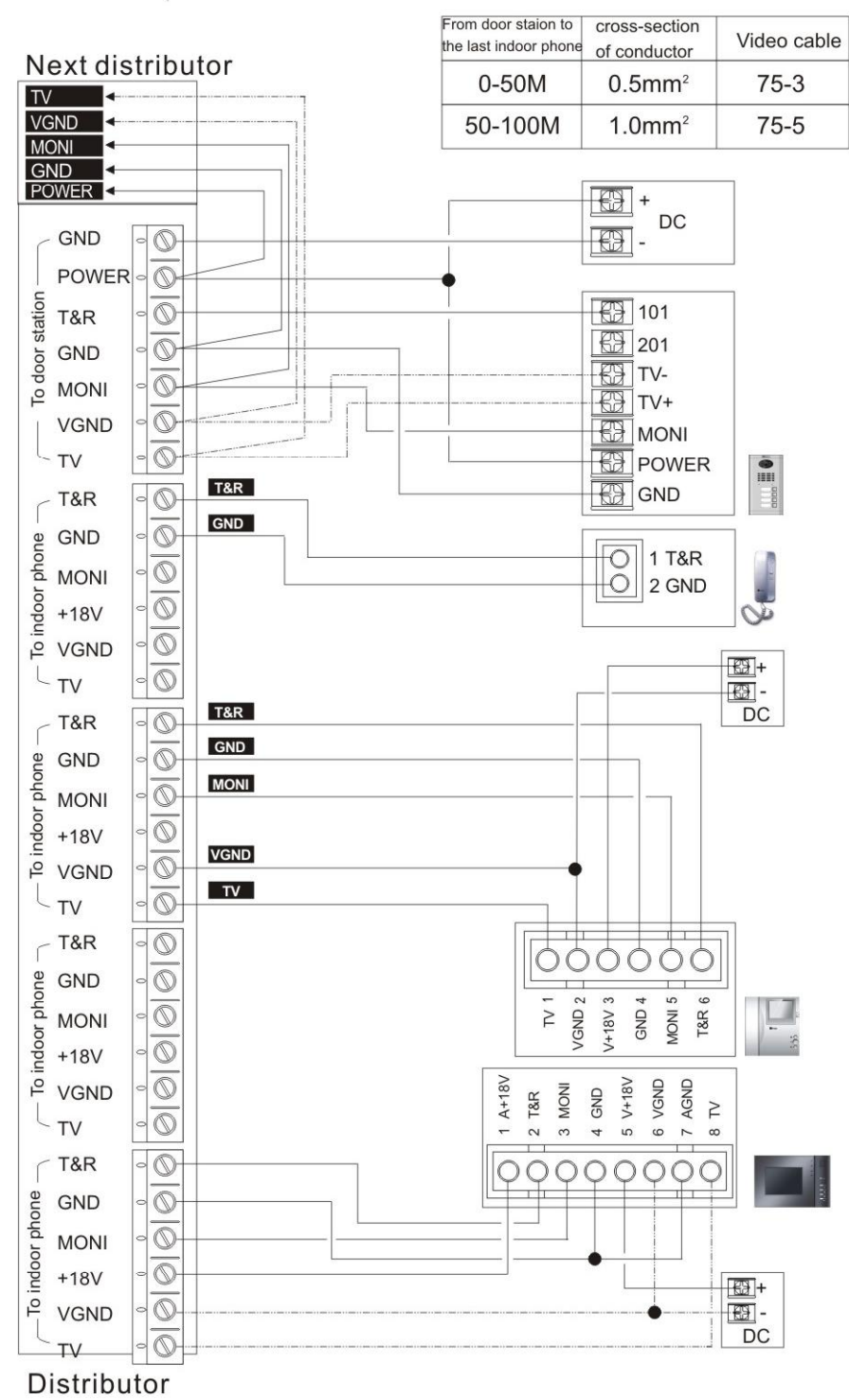
When there are two entrances in the same building, please refer to the diagram as follows. z



From door station to the last indoor phone	cross-section of conductor	Video cable
0-50M	0.5mm ²	75-3
50-100M	1.0mm ²	75-5

5+N VIDEO SYSTEM(WITH CM-02NECH-162)

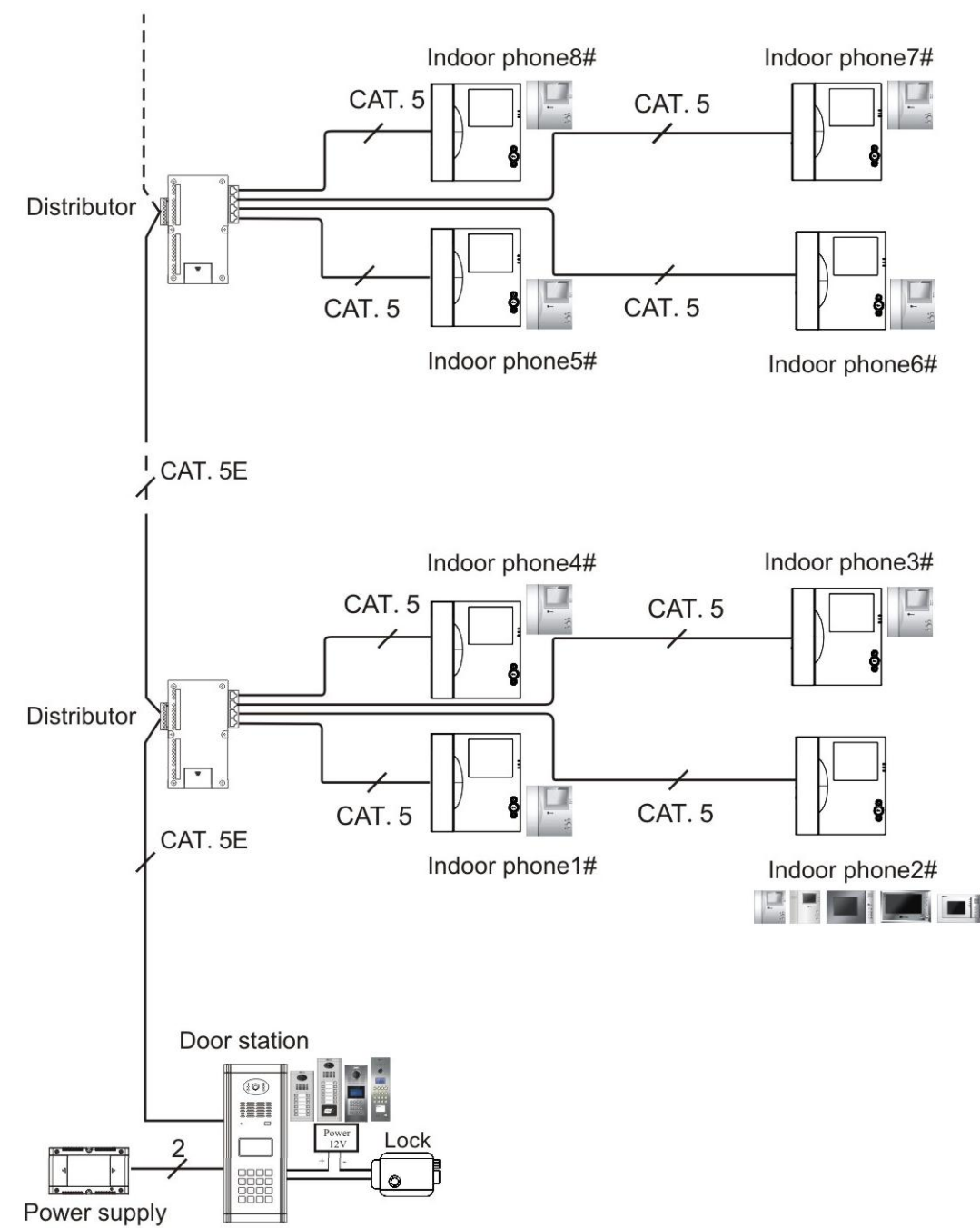
When you need 4 indoor phones in the same apartment,please refer to the diagram as follows



C-5 SYSTEM:

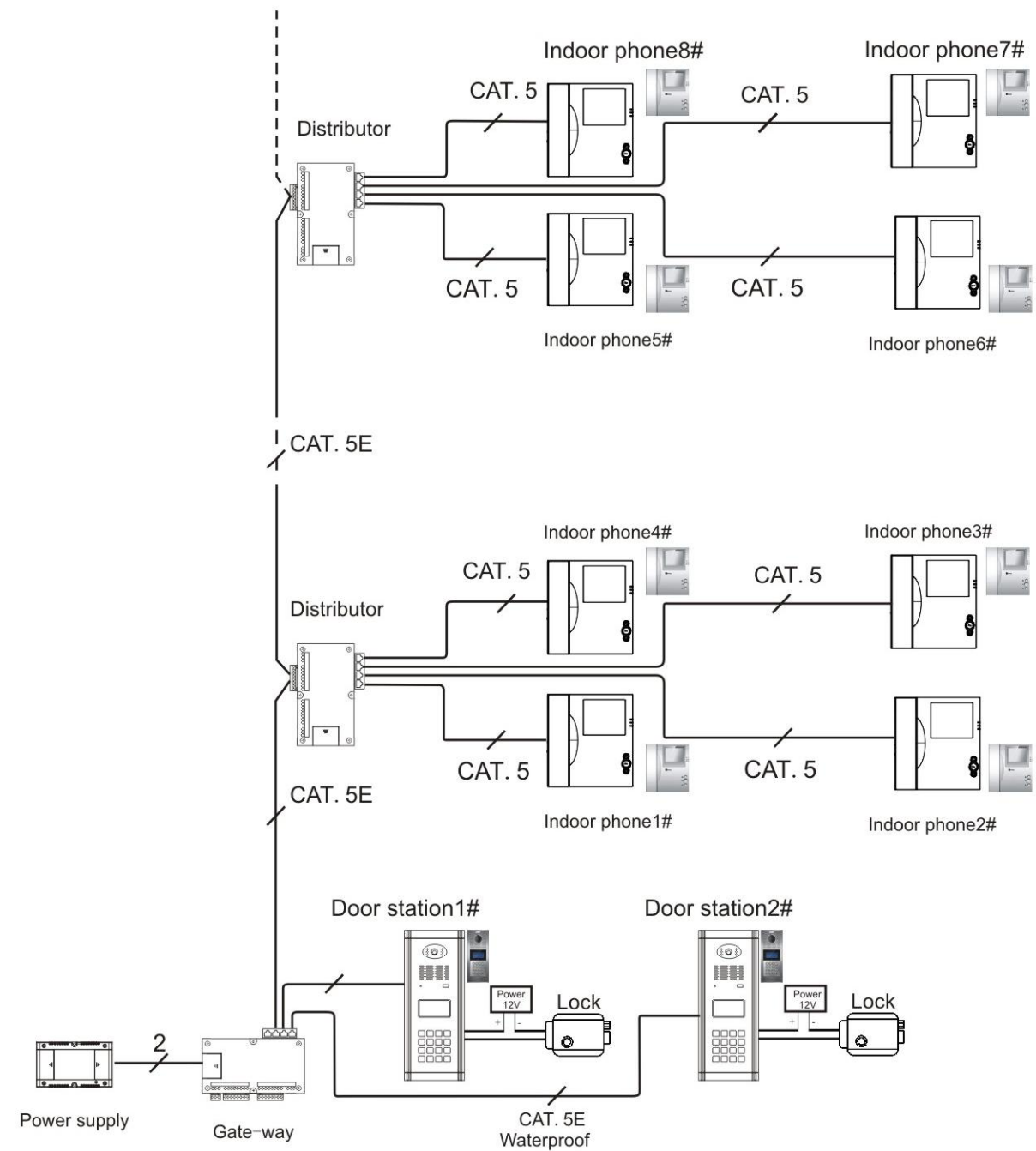
- (1)In digital call system, easily installation and debugging.
- (2)Hand-up indoor phone, with the function of full duplex conversation with the management device, with the function of alarm and remote control unlocking.
- (3)Door can be released by various methods such as indoor phone,guard unit,ID card,password,or EXIT button.
- (4)Optional indoor phone number of 1 bit,3 bit and 4 bit
- (5)Optional ring with 4 kinds of chord.
- (6)One door station can load 200 distributors.
- (7)One distributor can be connected with 4 indoor phones; also one distributor can be used by indoor phones from different floor.

C-5 VIDEO SYSTEM



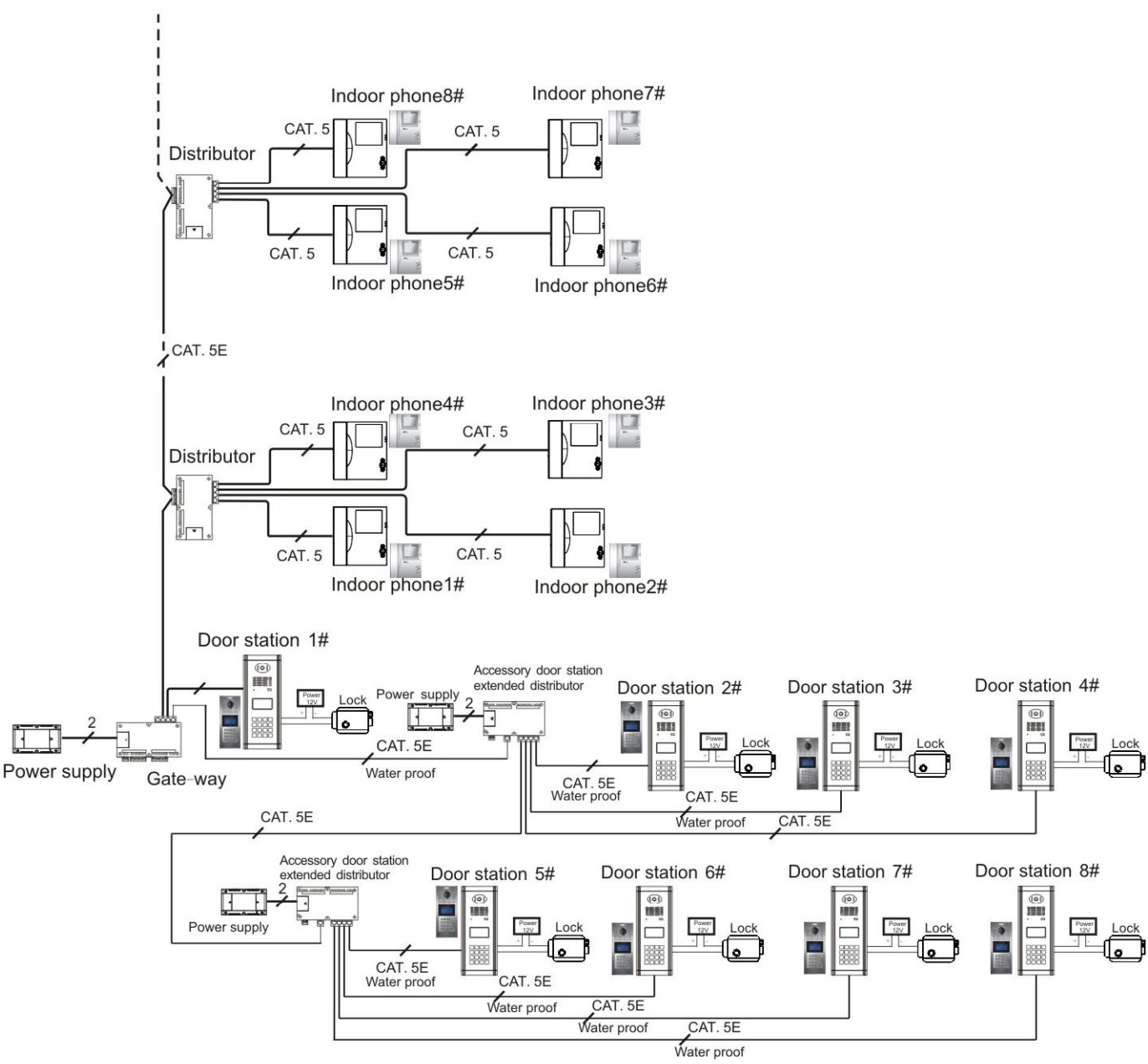
C-5 VIDEO SYSTEM

When there are two entrances in the same building, please refer to the diagram as follows.



[Note]
1.The waterproof CAT.5E should be used when working in wet climate.
2.Additional power supply should be used when door station 2# is more than 30 meters away from gate-way.

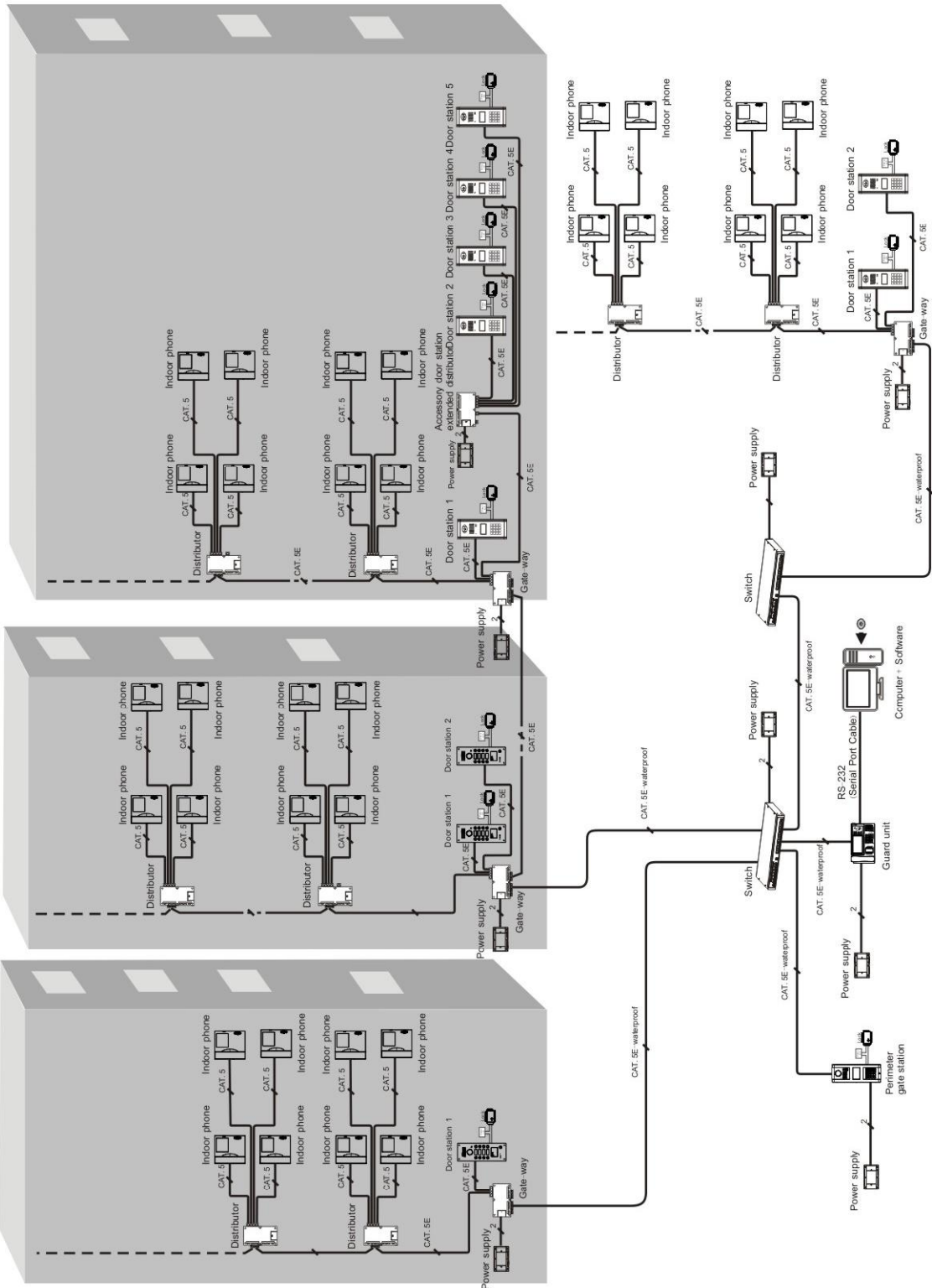
When there are more(Max.8) door entrances in the same building, please refer to the diagram as follows.



[Note]
1.The waterproof CAT.5E should be used when working in alway wet climate.
2.Additional power supply should be used when any additional door station is more than 30 meters away from extended distributor.

C-5 VIDEO SYSTEM

If you want to connect all equipments in network system,please refer to the diagram as follows.



ACCESS CONTROL SYSTEM
KEYPAD AND CARD CONTROL

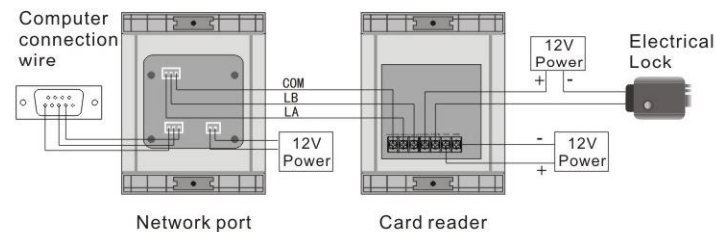
ACCESS CONTROL SYSTEM

ECK-03A main functions

- 1)Can connect multi-card readers,and have record function.
- 2)Use remote control to operate with the sound and LED indicate.
- 3)RS485 network communication distance can reach 1200 meters.Single general line can connect 32 pieces controller. When the distance is more than 1200 meters,data isolation repeaters should be added
- 4)Support 4000 pcs ID card
- 5)Entrance guard and patrol in one card

DETAILED WIRING DIAGRAM

Connection for the network port and card reader:



Note: The working current for the electronic lock should $\leq 1A$
Wiring connection: General lines type, twisted shield line needed when network.

TECHNICAL SPECIFICATION

- (1) Working voltage: DC12~18V
- (2) Working current: 100mA
- (3) Data transmission: RS485 interface and infrared communication
- (4) Radio frequency: 125KHz
- (5) Infrard modulate frequency: 38khz
- (6) Induce distance: 1-8cm
- (7) Transmission pass: double twist shield line
- (8) Reading card type: EM or Mifare card

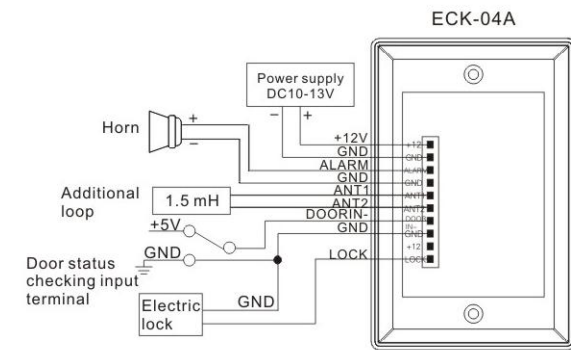


ACCESS CONTROL SYSTEM

ECK-04A main functions

- 1)Adopt advanced micro-computer CPU technology, can be applied in home, shop, office, factory, farm, warehouse, bank, school, hospital.
- 2)The maximum capacity is 4000 pieces of cards.
- 3)The user's information will be saved automatically, you don't need to worry the lost of the information when it is power off.
- 4)Unlock methods: (a)by card, (b)by card with password, (c)by entering the card number with password.
- 5)Setting alarm and dis-arming: On setting alarm status, you can't open the door in the above three ways, unless in dis-arming status.
- 6)Door status checking: Connect to a wired door magnetic first, when the door is open (not properly closed), it will give a Di Di ring, if it is well closed, then it won't ring.
- 7)Anti-dismantle function: When some one try to dismantle the card reader, the alarm host will alarm.
- 8)Supports single loop or double loop (add one more external loop).

DETAILED WIRING DIAGRAM



Note: The working current of the electrical lock should be $\leq 1A$
The output current of the power supply should be $\leq 0.8A$

TECHNICAL SPECIFICATION

- (1) Working voltage: DC10~13V
- (2) Static current: $\leq 50mA$
- (3) Working current: $\leq 100mA$
- (4) Dimension: 110×72×34mm
- (5) Maximum capacity: 4000 cards
- (6) Card reading distance: 5-10cm
- (7) Applicable card: EM card or EM compatible card
- (8) Frequency: 125 KHz



CARD

ECK-02N(Password keypad with metal housing)

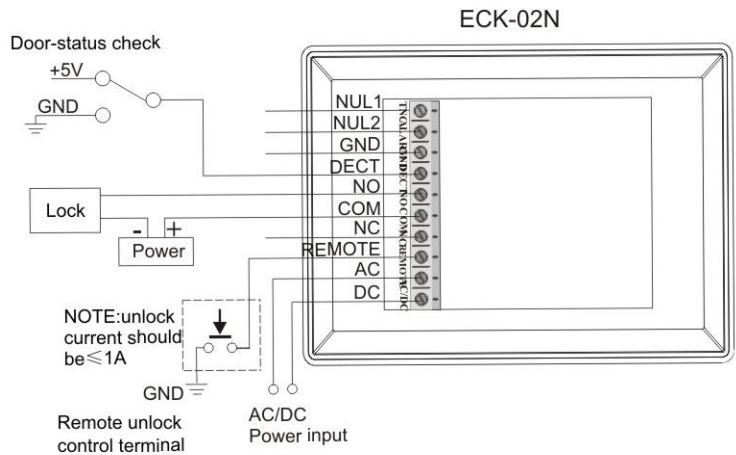
Main functions

- 1) Can support 250 users.
- 2) Support 2 to 8 digits passwords.
- 3) One administrator password,if lost the password,can be resumed to original password.
- 4) If input error password 3 times,keypad locked and voice alarm.
- 5) Open door time can be programmed from 1 to 99 seconds.
- 6) Door status check:If door is not closed properly,system will automatically give voice and flicker.

DETAILED WIRING DIAGRAM

Terminals

- NUL1: empty
- NUL2 : empty
- GND : negative terminal
- DECT : door-status-check input
- NO : NO terminal for electical output
- COM : electrical lock common terminal
- NC : NC terminal for electrical output
- REMOTE : remote unlock input terminal
- AC : DC/AC terminal
- DC : DC/AC terminal



TECHNICAL SPECIFICATION

- (1) Working voltage:DC/AC12~18V
- (2) Working current:≤80mA
- (3) Static current:≤27mA
- (4) Relay current:2A
- (5) Password digit:2-8 digits passwords
- (6) Dimension:110×72×34mm



NOTES