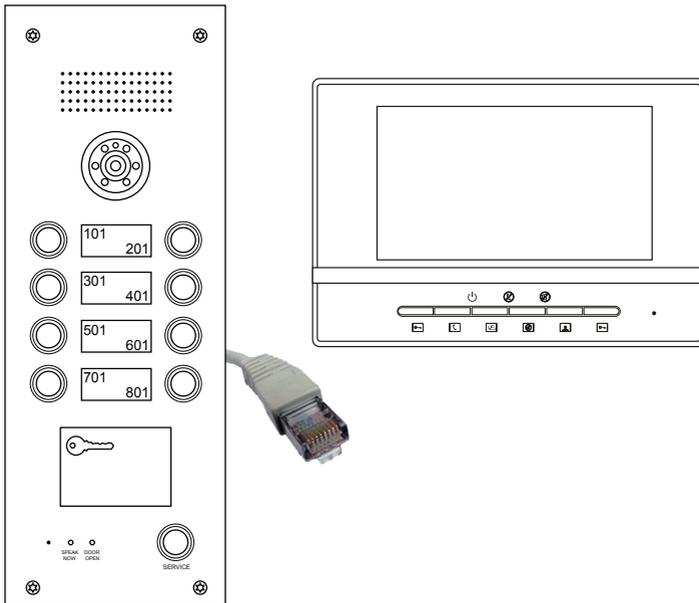


Video Door Entry System Direct Call for Apartments

CAT-5 Series

Installation and User Manual



Manual covers all Genway models of CAT-5 Video monitors and Door Stations

PRECAUTIONS

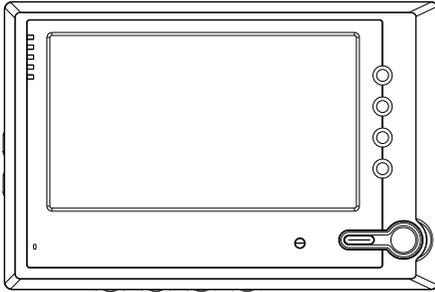
- Read this manual through before using the product.
 - Slots or openings in the back of the monitor, are provided for ventilation and to ensure reliable operation of the video monitor or equipment and to protect it from overheating. These openings must not be blocked or covered. The monitor should never be placed near or over a radiator or heat register and should not be placed in a built-in installation such as a bookcase unless proper ventilation is provided.
 - All parts should be protected from violence vibration. Prevent impacts, knocking and dropping.
 - Clean the LCD monitor with Plastic Protection cleaner only.
 - Image distortion may occur if the video door phone is mounted too close to magnetic field e. g. Microwaves, TV, computer etc.
 - Please keep away the video door monitor from wet, high temperature, dust, and caustic and oxidation gas in order to avoid any unpredictable damage.
 - Do NOT open the device in any condition, call the administrator for help if there is any problem or malfunction happens.
-

CONTENT

1. Video Monitors - - - - -	1
2. Power Supply and Distributor - - - - -	3
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7. Mute function - - - - -	14
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1. Video Monitors

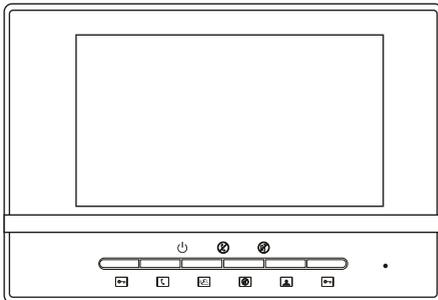
1.1 CYGNI Colour Monitor 7" brushed aluminium finish



Dimensions: W220xH150xD25mm Ding-dong ringtone
 Full Duplex. Handsfree. Ring time: 30s; Talk time: 120s;
 Resolution: 480 x 234 pixel Monitoring time: 15s

- ☆ Status indicator
- ☆ Buttons
- ⏻ Power indicator
- 📞 Talk button
- 📺 Monitor button
- 🔇 Mute indicator
- 🔒 Lock button
- 📞 Internal call button
- ☆ Adjustment
- ☀️ Brightness Adjustment
- 🔵 Contrast Adjustment
- 📶 Ring Volume Adjustment
- 📞 Talk Volume Adjustment

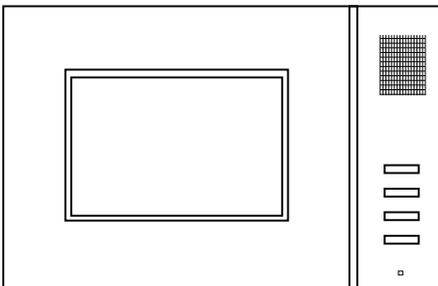
1.2 LUNA Colour Monitor 7" Piano Black finish



Dimensions: W220xH150xD25mm Ding-Dong ringtone
 Full Duplex. Handsfree. Ring time: 30s; Talk time: 120s;
 Resolution: 480 x 234 pixel Monitoring time: 15s

- ☆ Status indicator
- ☆ Buttons
- ⏻ Power indicator
- 📞 Talk button
- 📺 Monitor button
- 🔇 Mute indicator
- 🔒 Lock button
- 📺 Mute button
- 📺 Reserved
- 📺 Reserved
- ☆ Adjustment
- ☀️ Brightness Adjustment
- 🔵 Contrast Adjustment
- 📶 Ring Volume Adjustment
- 📞 Talk Volume Adjustment

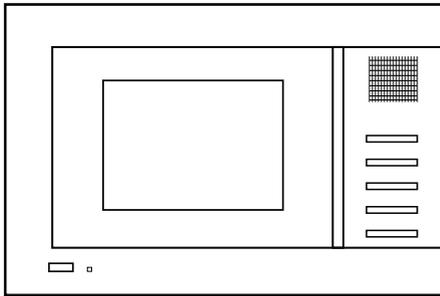
1.3 VELA Colour Monitor 5" glass finish



Dimensions: W220xH150xD25mm Ding-dong ringtone
 Full Duplex. Handsfree. Ring time: 30s; Talk time: 120s;
 Resolution: 320x 234 pixel Monitoring time: 15s

- ☆ Status indicator
- ☆ Buttons
- ⏻ Power indicator
- 📞 Talk button
- 📺 Monitor button
- 🔇 Mute indicator
- 🔒 Lock button
- 📞 Internal call button
- ☆ Adjustment
- ☀️ Brightness Adjustment
- 🔵 Contrast Adjustment
- 📶 Ring Volume Adjustment
- 📞 Talk Volume Adjustment

1.4 JUNO Colour Monitor 3.5" in grey finish



Dimensions: W180xH120xD25mm
Full Duplex. Handsfree.
Resolution: 320 x 234 pixel

Ding-dong ringtone
Ring time: 30s; Talk time: 120s;
Monitoring time: 15s

☆ Status indicator

- ⏻ Power indicator
- Ⓜ Busy indicator
- Ⓜ Mute indicator

☆ Buttons

- ☎ Talk button
- 📺 Monitor button
- 🔓 Unlock button
- 👤 Internal call button

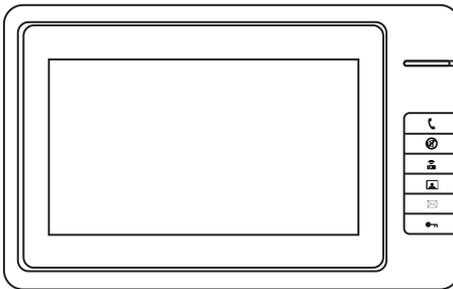
☆ Adjustment

- ☀️ Brightness Adjustment
- 🔵 Contrast Adjustment
- 📶 Ring Volume Adjustment
- 📞 Talk Volume Adjustment

Note: To disable the Alarm function

- a) insert 9-pin plug into terminal on the rear of monitor
- b) twist together (short) all 9 wires

1.5 Muse Colour 7" Monitor Image Recorder in matt white finish



Dimensions: W224xH140xD24mm
Full Duplex. Handsfree.
Resolution: 800 x 480 pixel

Ding-dong ringtone
Ring time: 30s; Talk time: 120s;
Monitoring time: 15s

☆ Status indicator

- ⏻ Power indicator
- Ⓜ Busy indicator
- Ⓜ Mute button
- 🏠 Home

☆ Buttons

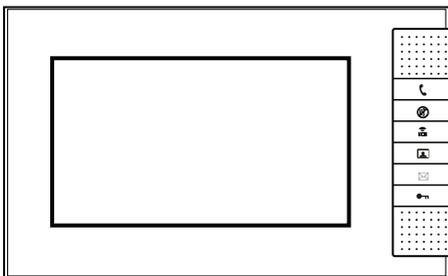
- ☎ Talk button
- 📺 Monitor button
- 🔓 Unlock button
- 👤 Concierge button

☆ Adjustment

- ☀️ Brightness Adjustment
- 🔵 Contrast Adjustment
- 📶 Ring Volume Adjustment
- 📞 Talk Volume Adjustment

Picture memory: 50 pictures

1.6 LYRA Colour Monitor 7" in gloss finish



Dimensions: W235xH140xD29mm
Full Duplex. Handsfree.
Resolution: 480 x 234 pixel

Ding-dong ringtone
Ring time: 30s; Talk time: 120s;
Monitoring time: 15s

☆ Status indicator

- ⏻ Power indicator
- Ⓜ Busy indicator
- Ⓜ Mute button
- 🏠 Home

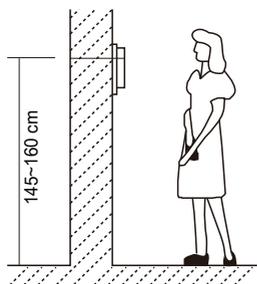
☆ Buttons

- ☎ Talk button
- 📺 Monitor button
- 🔓 Unlock button
- 👤 Concierge button

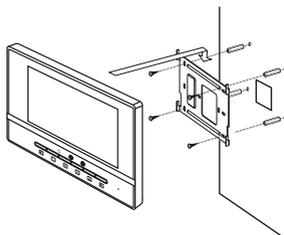
☆ Adjustment

- ☀️ Brightness Adjustment
- 🔵 Contrast Adjustment
- 📶 Ring Volume Adjustment
- 📞 Talk Volume Adjustment

1.7 Monitor mounting



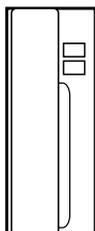
The recommended installation heights for both Monitor and Camera 145~160mm.



Note: Ensure that RJ45 connector has enough room behind the monitor and is not under stress

1. Use the screws to fix the mounting bracket on the wall;
2. Hang the Monitor on the mounting bracket firmly.

1.8 Audio Phone for CAT5 series



Audio phone can be connected instead of a video monitor.

You can combine audio phones and video monitors in one system.

Dimensions: W70xH215xD30mm

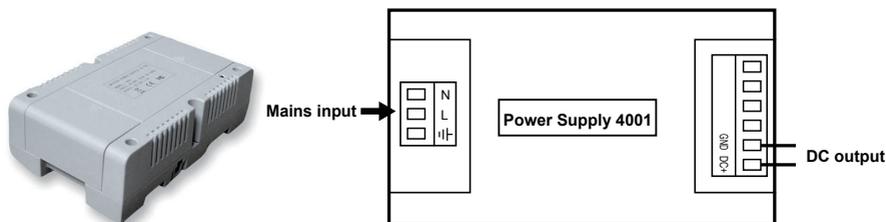
The audio phone has two functions, "Talk" and "Unlock". Requires only two wires of CAT5 cable terminated with RJ45 connector into distributor.

2. Power Supply and Distributor

2.1 Power supply 4001

AC-DC Input: AC180V~270V 50~60Hz Output: DC35V 1,4A

Wall mount with screws supplied. Connect N L and Earth to the mains, connect GND and DC+ according to diagram



Note: your system supplied with necessary quantity of power supplies, please connect them all.

2.2 Distributor 4110

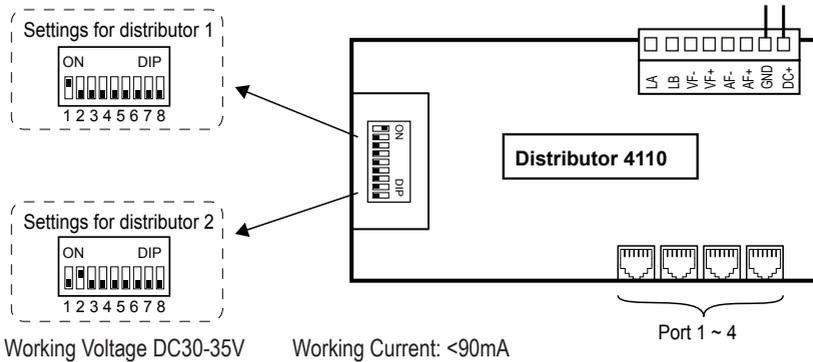
Distributor 4110 is used for connection of up to 4 video monitors/audio phones.

It has 4 ports with RG45 terminals. Each port is assigned to a specific button on the door station.

2 and 4-button Door Stations comes with one distributor 4110.

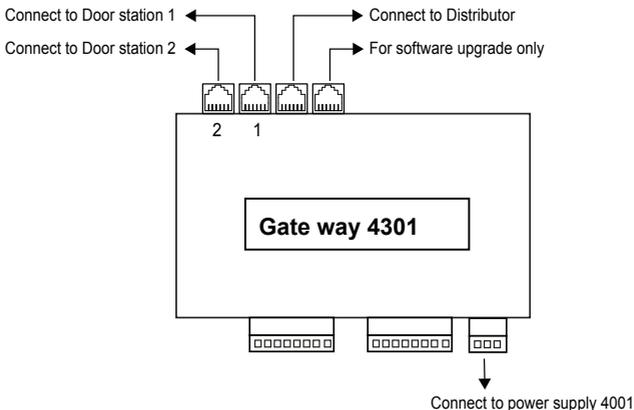
6 and 8-button Door Stations comes with two distributors 4110.

If one 4110 distributor supplied with your system, set DIP switch number 1 to on position. If your system supplied with two 4110 distributors, set DIP switch number 1 to on position to the first distributor and set DIP switch number 2 to on position to the second distributor. as shown below.



2.3 Gate Way LAN Switch 4301

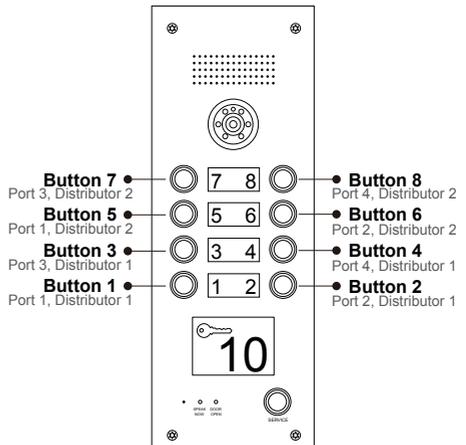
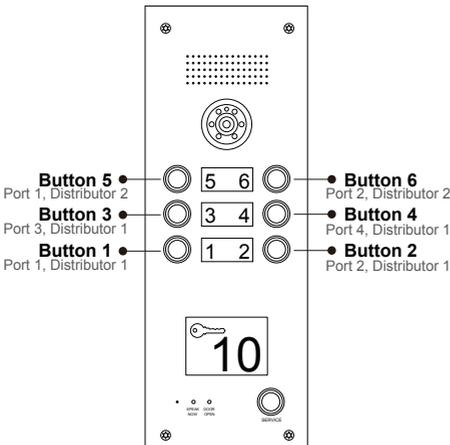
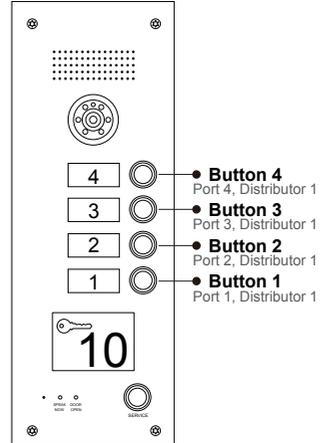
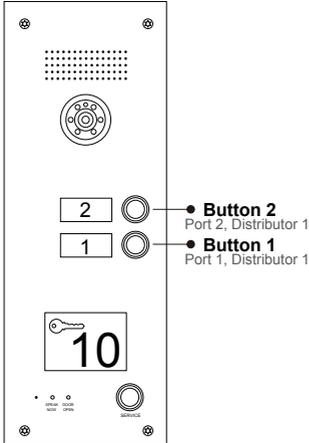
Gate way 4301 is used to connect two door stations. Door stations by default programmed to be door station #1. Some extra programming via remote should be done to re-program second door station. Door Station #2 program "Service- Unlock- input with remote 00012. Connect Door Station #1 to the Port #1 and door station #2 to the Port 2 on the 4301 according the drawing.



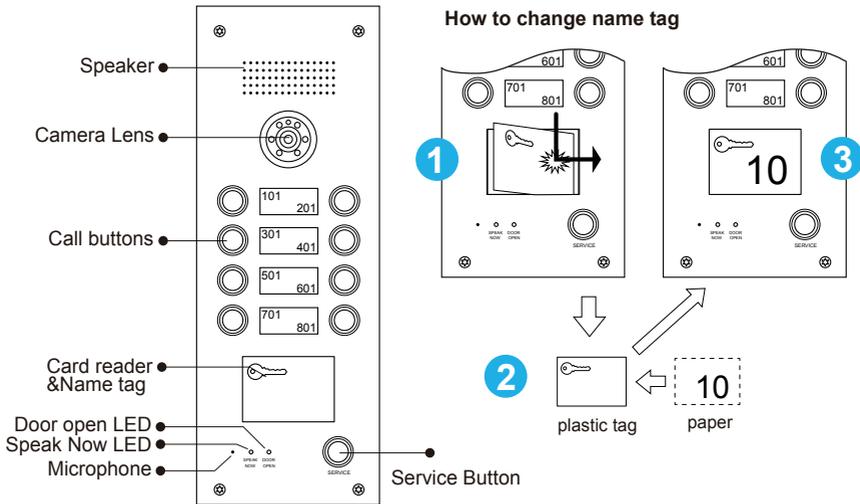
3. Doorbell Cameras

3.1 Models of doorbell camera

Door stations supplied with call buttons already pre-programmed according the drawing below. Please do not attempt to re-program those buttons.

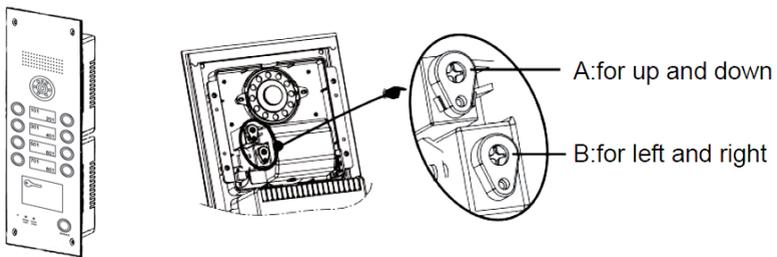


3.2 Change the name plate

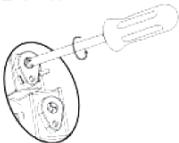


1. Push down on the plastic plate and move right to open the name plate window;
2. Insert the name plate paper to the plastic tag;
3. Put them back to the doorbell.

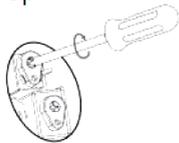
3.3 Adjust camera angle



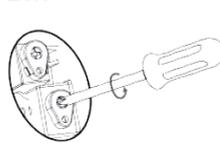
Down



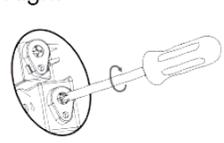
Up



Left



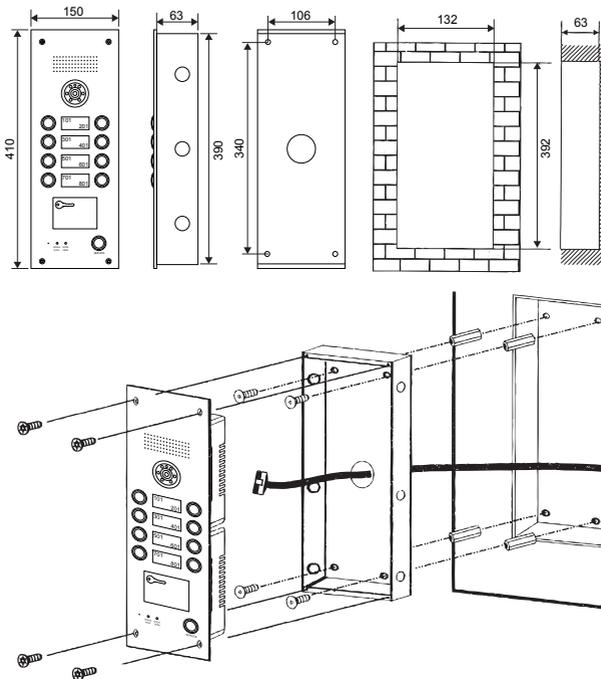
Right



3.4 Doorbell camera installation

1. Make a square groove on proper position on wall or door according to the dimension of door station.
2. Put the door station back cover into the groove, according to the hole on the cover to make marks in the groove, and then drill holes.
3. Insert plastic expanding pipes into the holes in the groove, then install the back cover to the square groove with screw.
4. Install the top parts of door station to the back cover, use screws to fasten it from the screw holes on the top part.

[Note] if the door station is installed on iron door, no need to proceed step 2 and 3, please directly weld the back cover into the groove of iron door.



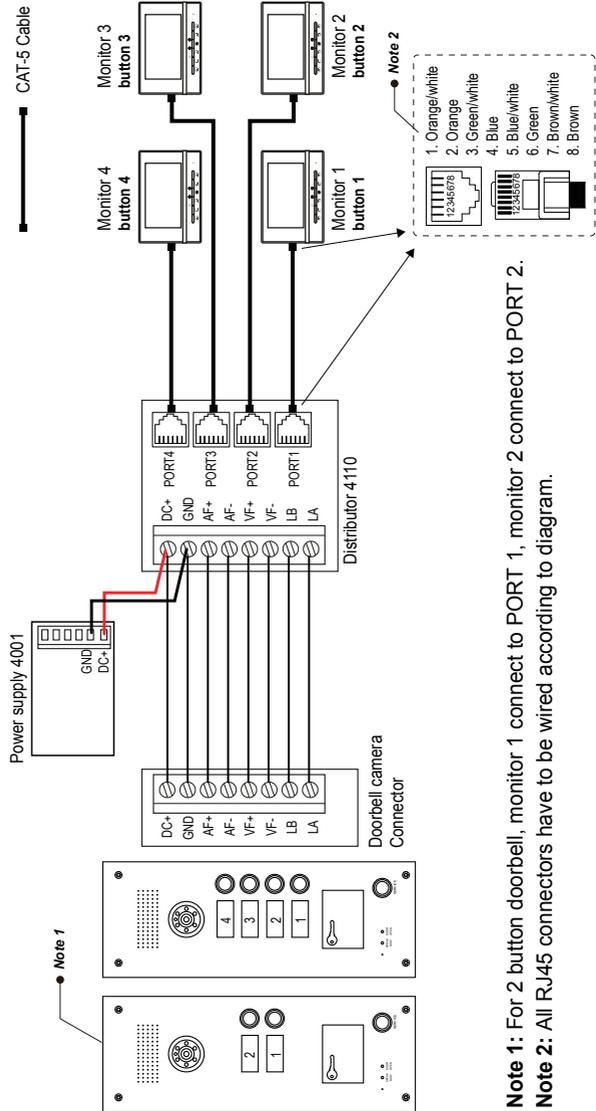
Installation Notes:

1. When drill holes on iron door or wall, please remember to be in accordance with the specific model and installation dimension.
2. Before install the back cover of door station, please take care of the installation depth to ensure the surface of the door station is on the same level with the surface of iron door and wall in case there is big gap between the surface of door station and wall/iron door.
3. Installation height: Above the ground for 1100mm-1400mm. (Suggestion: When using video door station, the camera's view scope should be considered for the installation height to proper see the visitors' face.)

4. System connections

4.1 Two or Four buttons doorbell camera connection

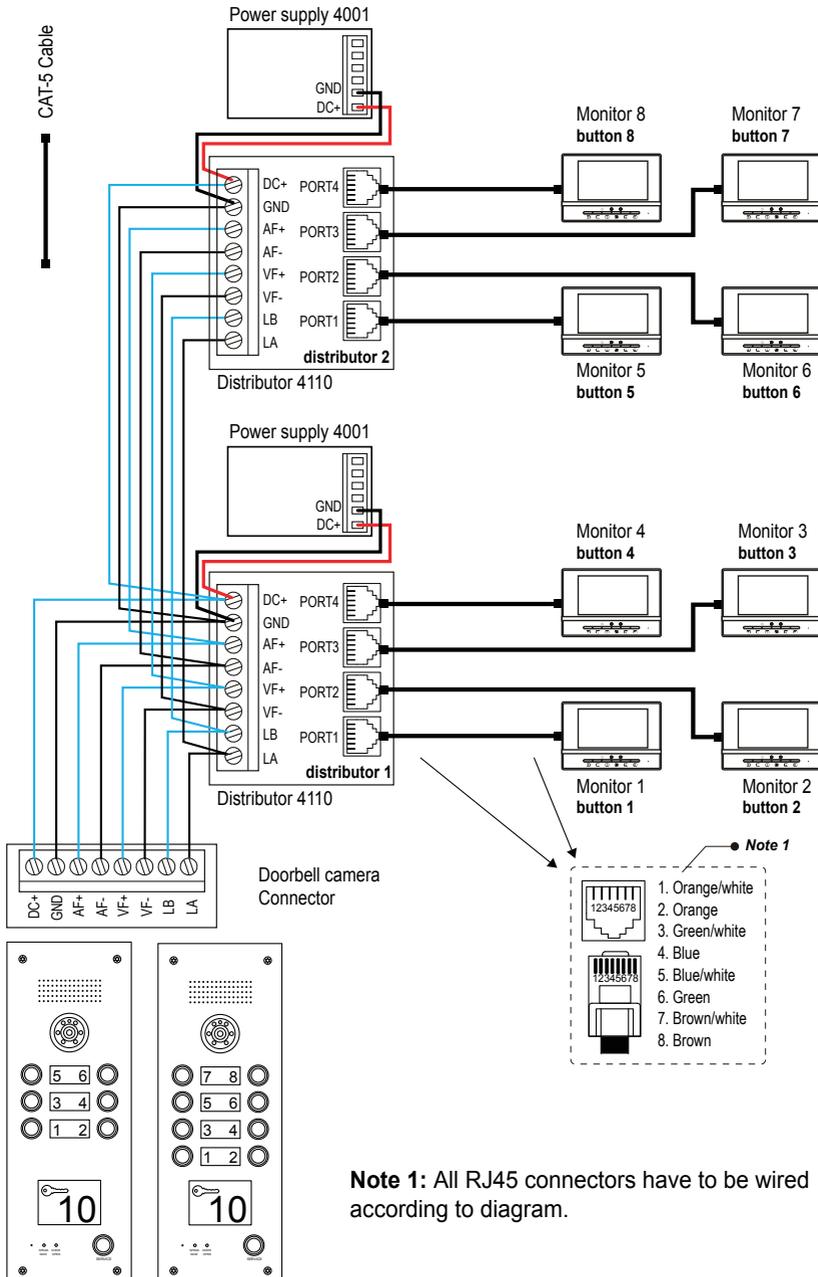
System requires CAT-5 or CAT-6 cabling and RG45 connectors (not supplied by default)
 Working distance up to 100m with one power supply
 Over 100m and up to 150m an additional power supply recommended.
 Second door station can be added; requires additional LAN switch



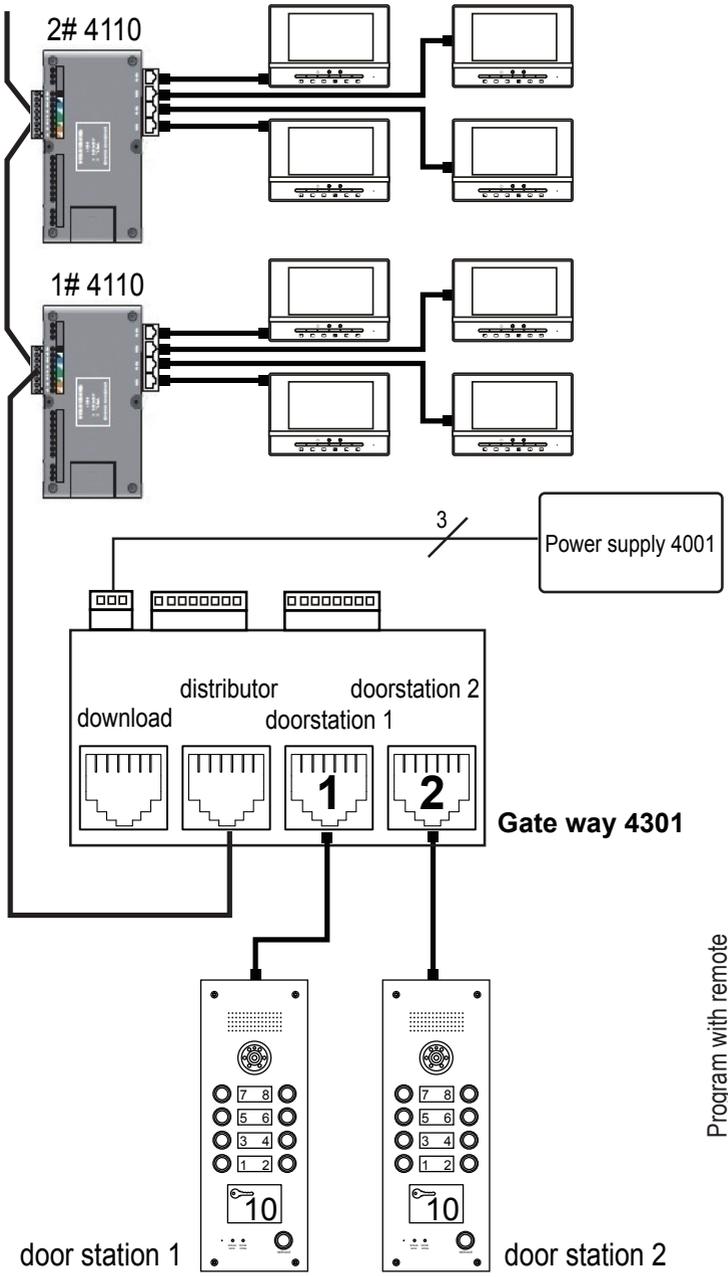
Note 1: For 2 button doorbell, monitor 1 connect to PORT 1, monitor 2 connect to PORT 2.

Note 2: All RJ45 connectors have to be wired according to diagram.

4.2 Six or Eight buttons doorbell camera connection



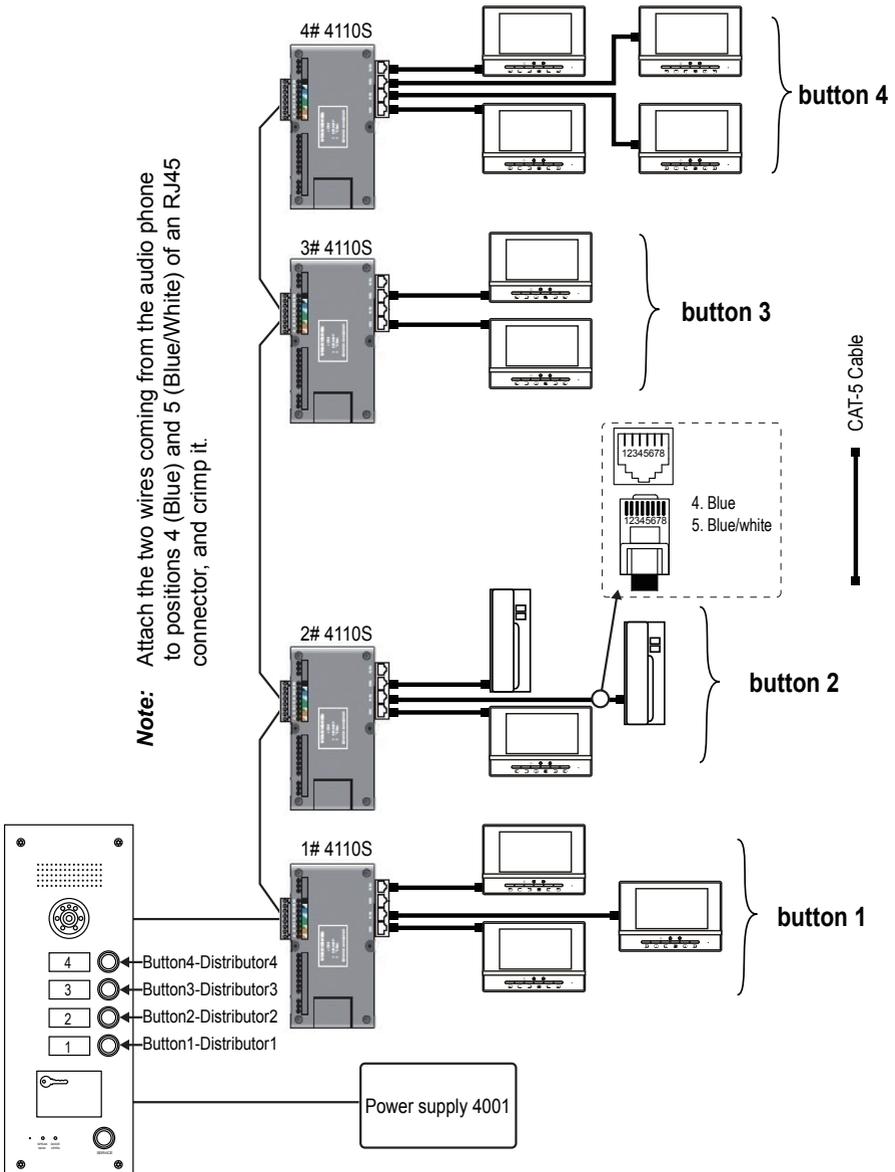
4.3 Two doorstation connection



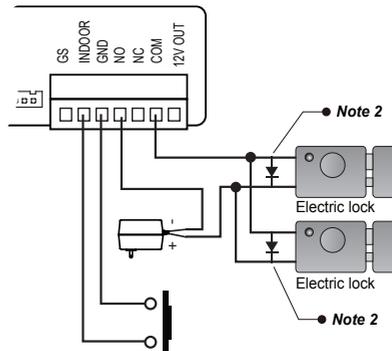
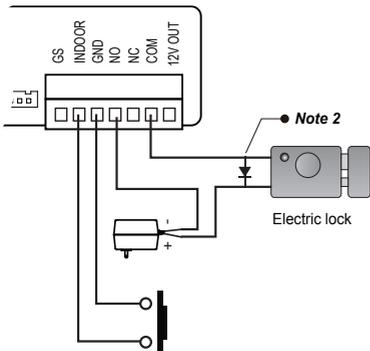
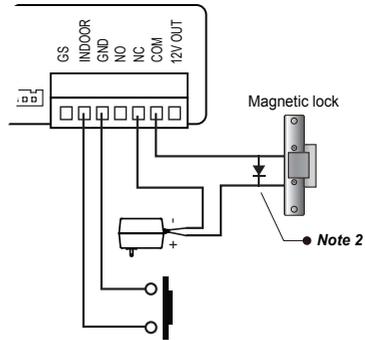
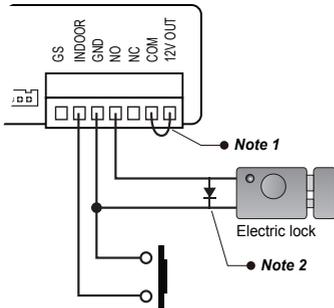
Program with remote
 Door station #1 "Service - Unlock - 00011"
 Door station #2 "Service - Unlock - 00012"

4.4 Additional Monitors/Audio Phones in apartments

If additional Monitors or Audio Phones connected even in one of the apartments, 4110 should be changed to 4110s.



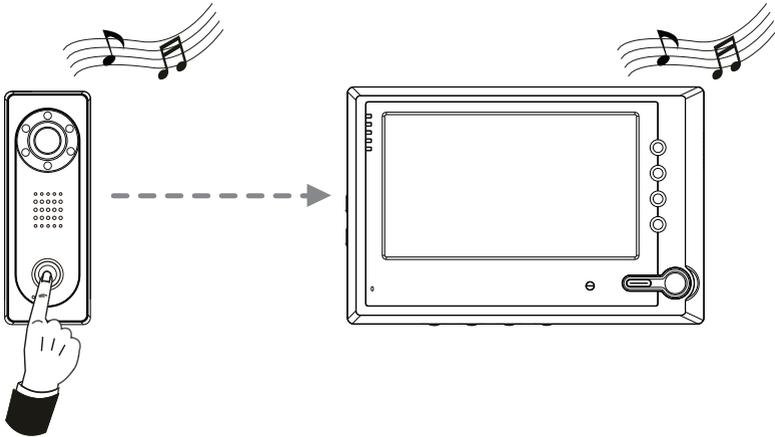
5. Lock connections



Note 1: Short COM and 12V OUT if lock doesn't have it's own power supply.

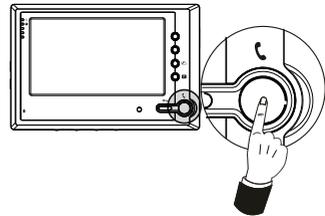
Note 2: Reverse diode not used only for electric gate system.
Must be connected for all other locks.

6. Basic Video Door Phone Operation

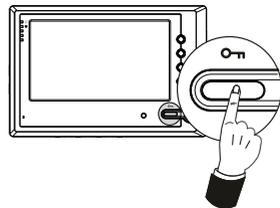


1. When a visitor presses the 'Call' button, the monitor rings and screen shows the visitor.

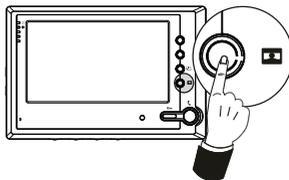
2. Press  Button to talk. If you choose not to answer, the system will automatically reset to standby after 60 seconds. Press  Button again to end the conversation; the conversation will be cut off automatically after 120 seconds.



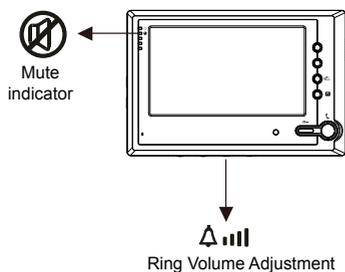
3. During ringing or talking, press  Button to unlock the door. (A Di~ sound will prompt to indicate the door is opened)



4. In standby mode, press  Button to monitor outside. If two doorbells were installed, pressing  Button shows view of Doorbell 1, press  to end; press  one more time to view Doorbell 2. (Monitoring time is limited to 60 seconds)



7. Mute function



1. When you do not want to be disturbed by any calling, you can turn on the mute function.
2. Adjust the Δ [Ring Volume Adjustment] to the lowest, the ring will be completely turned off, and the  indicator will be turned on.

8. Card Reader/Service Button



- **Card:** Swipe any registered card on the card reader to release the door.
- **Service/Trade Button:** During the time specified for allowing trades-people or maids access, press SERVICE button on the doorbell to release the door. This button is especially for deliverymen or other service people. The function has to be programmed by the remote control. See next section for remote control details.

9. Remote Control programming

9.1 Key panel descriptions



Specifications

Requires 2 x 1.5V AAA Batteries
(not supplied)

Working distance for programming
< 1m

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

9.2 Programming

To be able to do programming, first get into the programming mode.

9.2.1 Get into the system

1. Press (FN) + password (4 digits) + (ENTER). Note: default password is 1234
2. The door station will sound a long beep and DOOROPEN LED will flash slowly. You have 7s to enter the password, otherwise system will exit automatically.
3. If wrong password was used the door station will say "Sorry, wrong number. Please try again". Repeat step 1 with correct password.
4. To exit programming mode, press (EXIT). Or system will exit automatically if no activity in 2min.
5. During programming bell button and service button are not responsive.

9.2.2 Change password

1. Press FN + new password (4 digits) + repeat new password + ENTER
2. The door station will sound a long beep and DOOROPEN LED will flash slowly.
3. If you hear "Sorry, wrong number. Please try again" then repeat step 1

Note: Please memorize your new password. If you forget your new password please call Distributor for help to reset a password

9.2.3 Date and time

1. Press [TIME] +[yy-mm-dd hh/mm] + [ENTER]
or Press [TIME] +[hh/mm] + [ENTER]
or Press [TIME] +[hh/mm/ss] + [ENTER]
2. The door station will sound a long beep and the [DOOR OPEN] LED will flash slowly.
3. If the door station says "sorry, wrong number, please try again". Then please repeat the step1.

[Note: 1.The system adopts 24 hours model.

2.Once finish the program you may push [TIME]+[ENTER] button to check the result.]

e.g.:if the time is 18:15 in Oct. 25,2008,please press [TIME] button then enter /0810251815/ and confirm by [ENTER] button. If the date is correct, you just need to enter /1815/ .

Note: When you program the date and time please pay attention that door station confirms every digit by voice annunciation. If you hear no confirmation press last digit again. Failing to get voice confirmation will affect success of programming

9.2.4 SERVICE Button

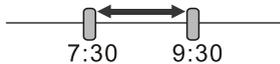
■ ON/OFF

1. Press [SERVICE] + [ENTER]
2. If the door station says "ON", the function is open.
3. If it says "OFF", the function is close. To switch between ON and OFF, please just push [ENTER] button.

■ Service time

1. Press [SERVICE] + /hh:mm/ + /hh:mm/ + [ENTER]
2. The door station will sound a long beep, and the [DOOROPEN] LED will flash slowly.
3. If the door station says "Sorry, wrong number. Please try again", it means the program failed. Then please repeat the step1.

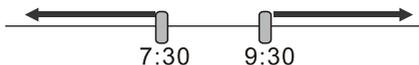
e.g. 1: For allowing the service people to enter between 7:30 to 9:30, please push [SERVICE] button, then /07300930/ keys and [ENTER] button continuously.



e.g. 2: For allowing the service people to enter in 07:30 sharp, please press [SERVICE] button, /0730/ keys and then [ENTER] button.



e.g. 3: For allowing the service people to enter any time except 7:30 to 9:30, please push [SERVICE] button, /09300730/ keys, then [ENTER] button.



Note: When you program date and time please pay attention that door station confirms every digit by voice annunciation. If you hear no confirmation press last digit again. Failing to get voice confirmation will affect success of programming.

9.2.5 Proximity Card/Token

Register Single Card

1. Press[REG-]+card number + [ENTER]
2. The door station will sound a long beep and DOOROPEN LED will flash quickly. You can register a card by entering the card number (last 8 digits only) or by swiping the card.
3. If the door station says"Sorry, wrong number. Please try again", that means the program failed, then please repeat step 1.

Note: Registering cards by card numbers will allow deleting lost cards easily.

Note: Please pay attention that door station confirms every digit by voice annunciation. If you hear no confirmation press last digit again. Failing to get voice confirmation will affect success of programming.

Register continuous cards

1. Press [REG-]+[EXTRA] + the first card number + [DEL+]+card quantity+[ENTER] or press [REG-]+[EXTRA]+swipe the card +card quantity+[ENTER]
2. The door station will sound a long beep and DOOROPEN LED will flash slowly
3. If the door station says"Sorry, wrong number. Please try again", that means the program failed, then please repeat step 1.
4. Note: Please pay attention that door station confirms every digit by voice annunciation. If you hear no confirmation press last digit again. Failing to get voice confirmation will affect success of programming.

Delete single cards

1. Press[DEL+]+card number+[ENTER] or press [DEL+]+swipe the card.
2. The door station will sound a long beep and DOOROPEN LED will flash slowly.
3. If the door station says"Sorry, wrong number. Please try again", that means the program failed, then please repeat step 1.

Note: Please pay attention that door station confirms every digit by voice annunciation. If you hear no confirmation press last digit again. Failing to get voice confirmation will affect success of programming

NOTE: If cards were registered by swiping and you want to delete lost card which is not present, you will have to delete all programmed cards at once and register remaining cards again (see next chapter)

Delete all cards

1. Press DEL+EXTRA+password+ENTER
2. Door station will sound a long beep and DOOROPEN LED will flash slowly. Press EXIT button to exit programming mode.

9.2.6 Unlock time

1. Press[UNLOCK] +Number(1~10) + [ENTER]
2. The door station will sound a long beep and the DOOROPEN LED will flash slowly.
3. If you hear “Sorry, wrong number. Please try again” repeat step 1 and make sure that unlocking time is between 1 second and 10 seconds (1 – 10)

9.2.7 Door Station Ring Tone and Volume

1. Press RING + Number (1~4) + ENTER.
2. 2. The door station will sound a long beep and the DOOROPEN LED will flash slowly.
3. 3. If you hear “Sorry, wrong number. Please try again” repeat step 1 and make sure that digit is between 1~4.

NOTE: There are 4 optional ring tones to choose from.

1. Press RING + REG- + ENTER to increase
2. RING + (DEL+) + ENTER to decrease ring volume

NOTE: There are 1-2-3-4 levels of volume available. Level 1 is “Mute” and turns voice announcement Off

WARRANTY CARD

NB Please keep this document safe, as it is proof of your Warranty
Your Video door system comes with a one year Manufacturers Warranty. When used normally, the following services are offered:

1. Replacement for malfunctioning parts in first three months
2. Repair free of charge for malfunctioning parts in first year

The following actions will void the Warranty:

1. Damage to the device during installation
2. Damage to the device through misuse
3. Opening and/or disassembling the device
4. Attempting to force the device to perform functions for which it is not intended
5. Attaching the device to power supplies other than those recommended by the manufacturer

Distributor for Warranty purposes:

Intelligent Home Online Ltd
62 Hartley Old Road, Purley, Surrey,
London, CR8 4HJ +44 (0)20 86170015
www.intelligenthomeonline.com

Product: _____

Serial Number: _____

Invoice N: _____

Purchase Date _____



CAT5-Apartment-V2 2013-07-06

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