

OPERATION INSTRUCTION

4-Wire Villa Video Intercom System

Indoor Monitor

User Manual

LIMITATION OF LIABILITY

- ※ This users' manual is supplied 'as is', with no warranties, be it expressed or implied, including, but not limited to, the implied warranties of merchantability, suitability for any exact purpose, or non-infringement of any third party's rights.
- ※ This publication may include technical inaccuracies or typos. The manufacturer holds the right to introduce any changes to the information contained herein, for any purpose, including but not limited to, improvements of the publications and/or related to the product, at any time, without prior notice.

DISCLAIMER OF WARRANTY

The supplier shall not be liable to any party or any person, except for replacement or reasonable maintenance of this product, for the cases, included but not limited to the following:

Any damage or loss, including but not limited to: direct/indirect, consequential, special, exemplary, arising out of or related to the product;

Inappropriate use or negligence of the user in operation of the product, resulting in personal injury or any damage;

Unauthorized disassembly, repair or modification of the product by the user;

Any problems or consequential inconvenience, loss or damage, caused by connecting this product to devices

of the third parties;
Any claim or action for damages, brought by any photogenic subject, be it a person or organization, due to violation of privacy whereby the pictures taken by the device and/or saved data become public or are used for the purposes other than intended.

SAFETY INSTRUCTIONS

Read these instructions and keep them in a safe place for future reference.

Please refer all work related to the installation of this product to qualified service personnel or system technician.

Do not operate the appliance beyond its specified temperature, humidity or power source ratings.

Securely install the devices on vertical surfaces (solid walls/doors) not prone to vibration or impact.

Use the appliance at temperatures between $10^{\circ}\text{C} \sim +60^{\circ}\text{C}$ ($14^{\circ}\text{F} \sim 140^{\circ}\text{F}$) without excessive exposure to the extreme values indicated.

Install the devices away from heat sources such as radiators, heat registers and stoves.

Installation of the terminal near consumer electronics devices, e.g. stereo receiver/amplifiers and televisions, is permitted as long as the air surrounding the terminal does not exceed the above mentioned temperature range.

Handle the appliance with care. Do not strike or shake, as this may damage the device.

The doorbell/camera units should be fitted with an approved weather shield if the chosen position is in direct sunlight, or in contact with rain, snow or irrigation sprinkler systems.

Do not use strong or abrasive detergents when cleaning the appliance body. When the dirt is hard to remove, use a mild detergent and wipe gently.

Do not overload outlets and extension cords as this may result in a risk of fire or electric shock. Distributing, copying, disassembling, reverse compiling, reverse engineering, and also exporting in violation of export laws of the software provided with this product, is expressly prohibited.

CARING FOR THE ENVIRONMENT BY RECYCLING



When you see this symbol on a product, do not dispose of the product with residential or commercial waste.

Recycling your electrical equipment

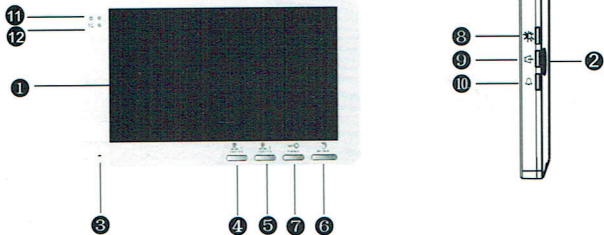
Please do not dispose of this product with your residential or commercial waste. Some countries or regions, such as the European Union, have set up systems to collect and recycle electrical and electronic waste items. Contact your local authorities for information about practices established for your region.

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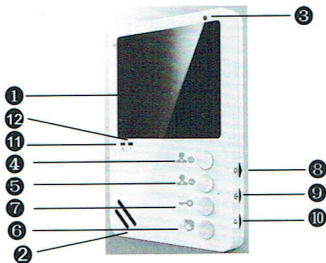
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INDOOR MONITOR

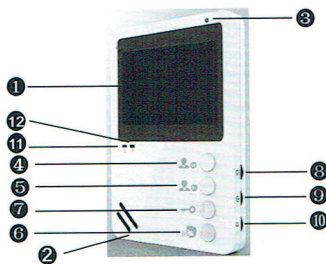
A Series



B Series










C Series



NO	Name	Descriptions
1	TFT display	View visitor' s image displayed on the TFT screen
2	Speaker	Sound from outdoor camera
3	Microphone	Transmit the voice to outdoor call panel
4	Monitoring①	monitoring door 1
5	Monitoring②	monitoring door 2
6	Talking	Start conversation with outdoor call panel
7	Unlock	Unlock the door lock by pressing this button
8	Chroma /Contrast /Luminance	Adjust the chroma ,contrast and luminance of TFT display
9	Talking Volume	Adjust the speaker volume
10	Ring volume	Adjust the ring volume
11	Status LED	power indication
12	Entry LED	LED indicate the statu of outdoor call panel

DESCRIPTION ON SYMBOL

1		monitoring Door1
2		monitoring Door2
3		Release the door lock
4		Activate conversation mode by pressing this button
5		Adjust the chroma contrast and luminance of TFT display
6		Increase/decrease the talking volume
7		Increase/decrease the ring volume



LED 1

power indication.



LED 2

When this LED is lighting on red, it means that an intercom communication between this indoor unit and 1st.outdoor call panel is underway.

When this LED is lighting on green,it means that an intercom communication between this indoor unit and 2nd.outdoor call panel is underway.

◆ MONITORING

Active mode


Press the **monitoring** button on indoor monitor



display image from 1st outdoor call panel on the screen.

Press the **talking** button



 Start conversation with outdoor call panel

Press the **unlock** button to release the door lock



Press the **talking** button again (END)



Passive mode

Outdoor call panel call indoor monitor



Press this button to monitor the other call panel's image



Press the **talking** button on any of indoor units



 Start conversation with outdoor call panel



Press the **unlock** button to release the door lock




Press the **talking** button again (END)

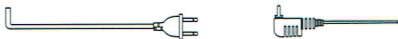


NOTE ON WIRING CONNECTION


-  The electric lock/source/camera is not included in the package, you can purchase an electric lock which is suitable for actual requirement.
-  In the standard delivery the system supports locks with Normally Open (N.O.) door unlocking method. It means that in the normal state the dry contact is opened so the lock is kept under constant closed state. If the unlocking push-button is pressed and the dry contact is changed to closed, then the lock is released.

Indoor machine power with a built-in power or an external power optional.

-  Please refer to actual control using. If the indoor machine with a built-in power source, applicable to wide voltage range(AC100V-240V). Please first pull out the AC powerplug before installation of device(shown as below).



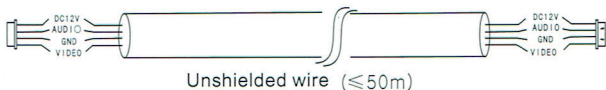
Use and selection of wire, please refer to the following.(The actual effect and the quality of wire rod has the very big relations)

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

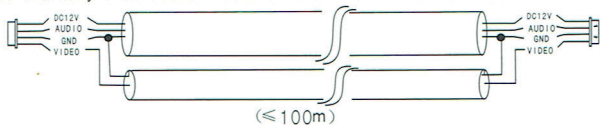
Distance $\leq 28\text{m}$ ($4 \times 0.2\text{mm}^2$)

Distance $\leq 50\text{m}$ ($4 \times 0.3\text{mm}^2$)

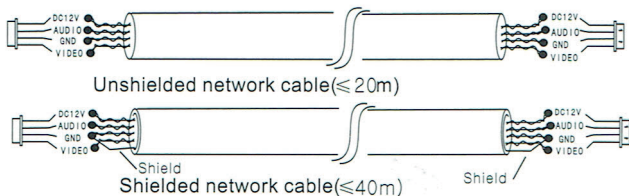
Distance $\leq 80\text{m}$ ($4 \times 0.5\text{mm}^2$)



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



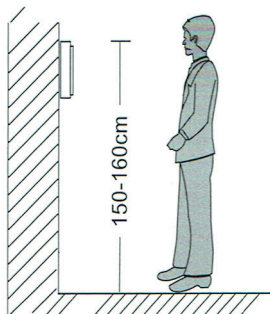
3. CAT5 or CAT6 network cable connection mode: (Not recommended)



INSTALLATION PROCESS OF INDOOR UNITS

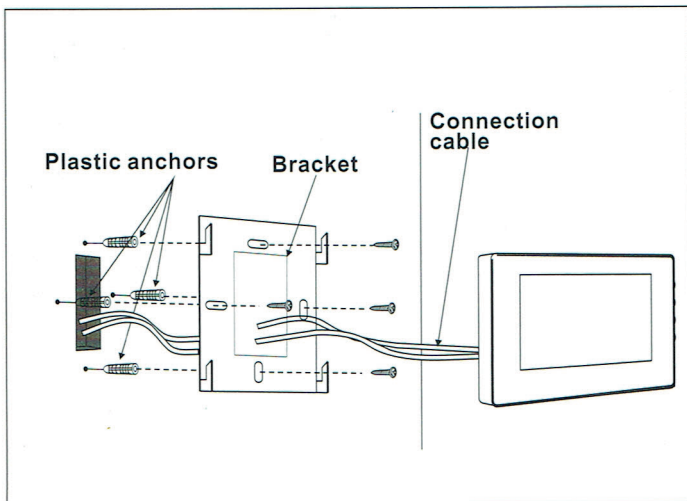


NOTE:



- Avoid installation of the device near strong radiation e.g. TV set, video recorder and PC etc.
- Maintenance should be complied with a qualified technician.
- Avoid hard shake , beating and collision ,otherwise the internal exact components maybe be damaged .
- Select the most suitable position where the monitor is located at user's eye level.

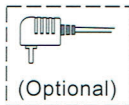
- keep more than 30cm away from AC power supply to avoid external interference.
 - Switch off power supply before installing.
 - Keep it away from the water and magnetic field.
-
- To install the indoor unit , please follow these steps as below:



SPECIFICATIONS

ITEM \ MODE	A	B	C
Display	7 inch TFT LCD(16:9)	4.3 inch TFT LCD(16:9)	4 inch TFT LCD
Resolution	800X3(RGB)X480	480X3(RGB)X272	320X3(RGB)X240
Video system	PAL/NTSC compatible		
Intercom mode	Semi- Duplex communication		
Conversation duration	120 seconds		
Standby status	150mA max.		
working status	300mA max.		
Power supply	DC12V/(\geq 1A)		
Operation temp.	-10~+60°C		
Installation	Surface mount		

Accessories



Indoor unit

- Indoor unit ----- 1pcs
- Plastic Anchors ----- 4pcs
- Screws ----- 4pcs
- Bracket ----- 1pcs
- 4 Pin line ----- 2pcs
- 2 Pin line(optional, please take actual model as quasi) ---- 0/1pcs
- User manual ----- 1pcs
- External power supply switch(**Optional**) ----- 1pcs

* If the indoor unit includes the internal power supply ,there is no external powersupply switch of the picture on the above.