

VILLA SYSTEM

Model:7456NCXM_C70

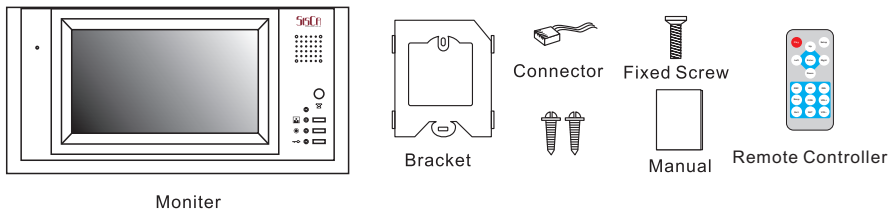


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IMPORTANT CAUTIONS

1. To prevent fire or shock hazard, do not expose the unit to rain, moisture or other liquid and do not overload the power cord.
2. Instructions! Read and keep the instructions-all safety and operating instructions should be read and followed before the unit is operated .
3. Power Sources! This equipment should be operated only from the type of power source indicated on the marking label and the power cord protection is needed.
4. Servicing and replacement of parts! Do not attempt to service this product or replace any part inside by yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
5. Lightning! For added protection for this product before a lightning storm, or when it is left unattached and unused for long periods of time, unplug it from the wall outlet and disconnect the cable system. This will prevent damage to the product due to lightning and power-line, telephone-line, RF cable and Actuator/Polarization surge protectors to protect your system from possible damage.
6. Move with care! This product is easy for damage, care for it during transportation, storage and installation.

PARTS CHECKLIST



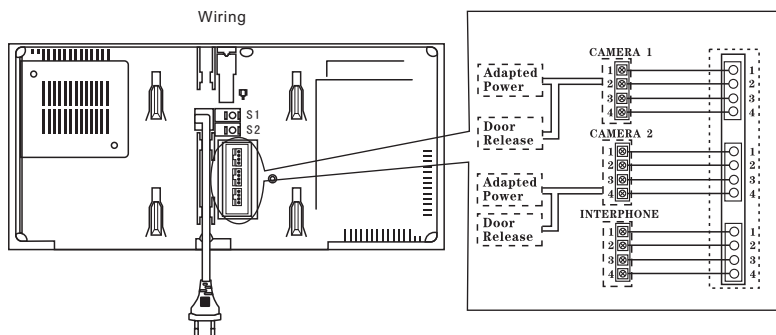
- ◇ Monitor unit 1PCS
- ◇ Mounting bracket 1PCS
- ◇ Remote controller 1PCS
- ◇ Accessory Bag 1PCS(screw 4x18mm x 2, screw anchor M3x8 x1)
- ◇ Connector cable (250mm) 3PCS
- ◇ User manual 1PCS

SPECIFICATIONS

No.	Parameter	Description
1	Model No:	7456NCXM_C70
2	Voltage Requirement	100V~240V, 50 Hz/60Hz
3	Power Consumption	Standby:<1W; Operation:<5W
4	Video	1Vp-p 75Ω,PAL or NTSC
5	Connection method	Four wire;
6	Monitor screen	7" Digital TFT LCD
7	Call tone	all from camera: Electronic chime
8	Communication	Simultaneous type
9	Communication Duration	60 sec ±10%
10	Communication Distance	AWG #22-26, 50-100 meter
11	Operating Temperature	0℃to+40℃(32°F-104°F)
12	Weight	Net :1.30kg Gross: 1.60kg
13	Dimensions (mm)	218*192*54mm

1. Select monitor mounting location, fix the mounting bracket securely to the wall with the screw and anchors provided.
2. Drill a hole in the center area of the bracket just large enough to pull through the wiring cables.
3. Connect the cable(s) from the camera unit(s).
4. Attach the wired monitor unit to the wall mounting bracket by setting the monitor over the four bracket hooks and sliding it down.
5. Fix the monitor to bracket with M3x6 screw provided.
6. Plug the AC power cord into a standard household outlet.
7. Place the Power Switch to "ON" Position.

WIRING

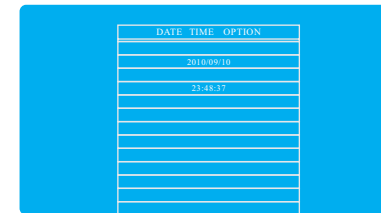


1. CAMERA-1: 4_PIN connector, for the first camera in main entry;

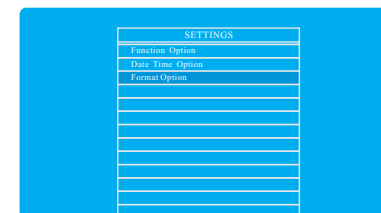
Wire No.	1	2	3	4
Wire Definition	Audio	GND	Control	Video
Recommended Cable	AWG #22-26			

2. CAMERA-2: 4_PIN connector, second camera in second entry;

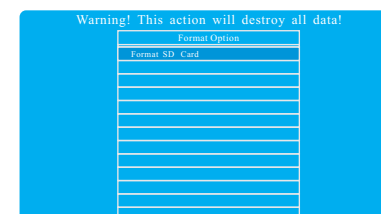
Wire No.	1	2	3	4
Wire Definition	Audio	GND	Control	Video
Recommended Cable	AWG #22-26			



"Format" Option menu:



Choose SD card, then press Enter to confirm:



- 3). Display adjustments:

Press "monitor" button of Monitor to switch on the screen, you can press "BRI", "CON" and "SAT" buttons on remote to change the settings for brightness, contrast and saturation. You can press "Enter" button to confirm after your selection.

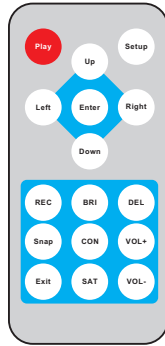


- 4). Play Functions.

Press the "Play" button, the screen displays the following interface. There is "Video Recordings", "Image Recordings" and "Messages". You can enter and play back accordingly.

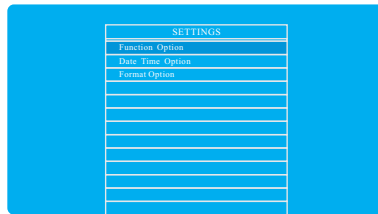
IV Operations with Remote:

1) Button Definitions:



2) Setup Options

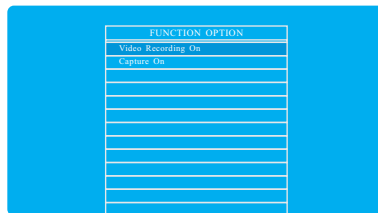
Press "setup" button, the screen displays the following interface.



There are three entrances: Function Option, Date Time Option, Format Option. You can press "UP" and "DOWN" to choose an entrance.

In **Function Option**, you can choose the recording options for the cameras:

- ①、 Video Recording On: continuously record video;
- ②、 Capture On: take images.



In **Date Time Option**, you can setup the time and time display mode with "Up", "Down", "Left" and "Right" buttons, when the year, day, hour and minute are correct, you can press "Enter" button to save and exit.

3. INTERPHONE: 4PIN connection, for extended audio handset;

Wire No.	1	2	3	4
Wire Definition	Audio	GND	DC Power	Intercom
Recommended Cable	AWG #22-26			

Wiring Precautions

1. If high voltage cable is present in the vicinity, use a coaxial cable with metal outer casing.
2. If any external wiring is exposed, it may cause a short and become a cause of malfunction or fire
3. When connecting the monitor and camera, make sure that the monitor power is off.

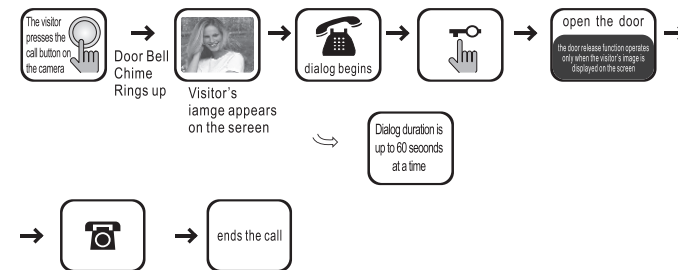
OPERATION

1.Setup Color, Brightness

Switch on the monitor, use Color Switch, or Brightness Switch at the bottom to choose proper color, brightness accordingly for the screen.

2.Visitor's Call

Visitor call Process




Switch on the monitor power.


1. When a visitor presses the "Call" button on either camera unit, the monitor's speaker will sound a "chime" tone to announce that a visitor is at the door.
2. Upon viewing the monitor's screen and the visitor's image, you have two choices:

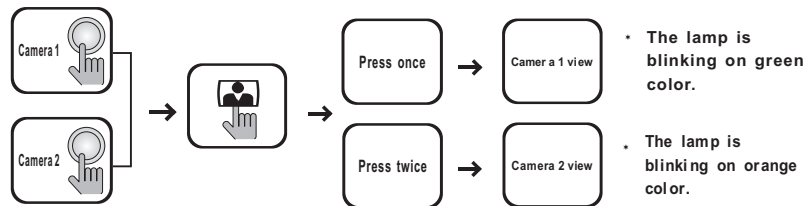
A. You can choose to "not respond"(by not press Handfree Key) the visitor's image will disappear from the monitor's screen within 20 seconds.

B. You can choose to "respond" by press Handfree Key and talking to the visitor as if uses a telephone. The visitor's image will remain on the monitor's screen for 60 seconds.


3. After speaking with the visitor, and if you have installed an electronic door locking system, you can push the "Open" button()to electronically unlock the door.

3. Monitoring

Press Monitor Button () for the first time, the screen will display the video from camera1, second time, the screen will display the video from camera 2, third time, end the monitor,



4. Intercom

If an extension audio handset is installed with this monitor, you can press Intercom Key () to call the handset to start an internal intercom. Also this monitor can be called form extension handset(s).

5. Internal Memory Operation

Memory Functions

I Standby:

- 1)In the standby status, the screen displays calendar.
- 2)When a visitor presses the "CALL" button at the camera or a host presses the "MONITOR" button on monitor, the screen will display the real-time video image of the visitor, and the host can talk with visitor.

3)When the screen is On, you can press "Play" button to replay saved videos, images and audios, press "Setup" button to setup you want.



II Monitoring:

- 1) When the "MONITOR" button is pressed, you can see video from camera, then, you cab use "Up" Key or "Down" Key to switch the cameras.
- 2) When the screen is ON, you can press "REC" button to record the video, and press "Snap" button to save still images. And you can set up Color, Brightness and Contrast in this period of time.

III Visitor Call:

- 1) When a visitor presses the "CALL" button from a camera, If the monitor is set to "VIDEO RECORDING ON" mode for the camera, the Monitor begins to record the video automatically for 10 seconds in the camera fold: "Video Recordings". If there is nobody answers the call within 20 seconds, the monitor will remind the visitor to leave a message; the monitor will record Audio/video until the screen is OFF. This audio/video file is saved to the camera fold: "Messages". Then the monitor resumes standby status.
- 2) If the monitor is set to SNAP mode, when a visitor presses the "CALL" button at camera, the monitor will take an image, and save the image in the camera fold: "Image Recordings". If there is nobody answers the call within 20 seconds, the monitor will remind the visitor to leave a message, and will record Audio/video until the screen is OFF. This audio/video file is saved to the camera fold: "Messages". Then the monitor resumes standby status.

Attention:

If there is no SD card installed, before recording, screen will display:

NO SD CARD