

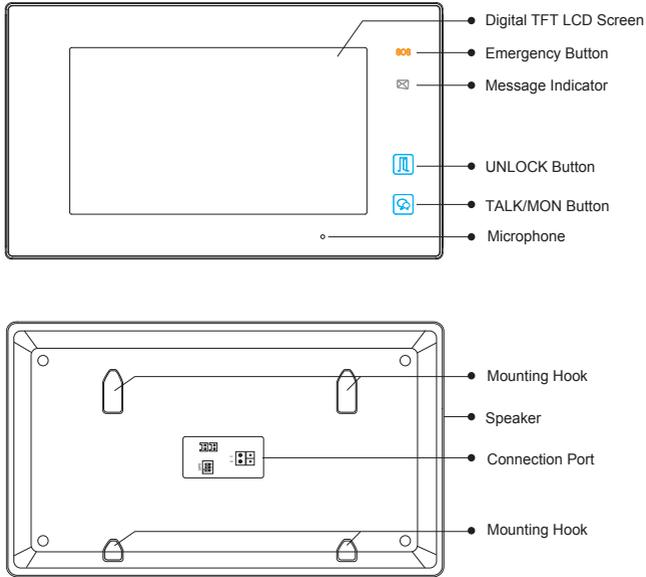
# 2 WIRE VIDEO SYSTEM

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## USER MANUAL



# 1. Parts and Functions



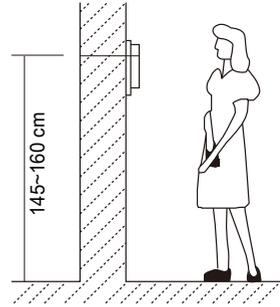
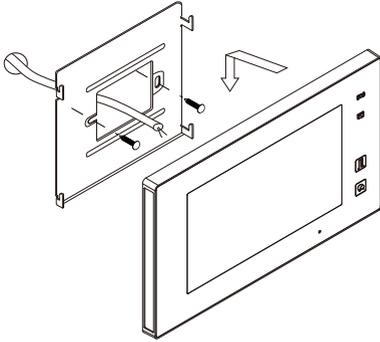
## Key functions

LCD screen	Display the visitors image
Emergency button	Press for 3 seconds to send an SOS message
Message indicator	Indicates a new visitor call record
Unlock button	Press to release the door
Talk/Mon button	Press to communicate with the visitor when called Press to display the camera view anytime in standby mode
Microphone	Transmit voice communication
Mounting hook	To secure monitor to bracket
Connection port	Wiring and station setting
Speaker	Receive voice communication

## DIP Settings

Bit	Bit State	Description
DIP1&2		Reserved. left to default.
DIP3		Set to OFF. When the monitor is in the middle of the line in daisy chain connection.
		Set to ON. When the monitor is at the end of the line or connected to a DBC4S.

## 2. Mounting & Wiring



## 3. Main Menu

Touch the screen anywhere on monitor in standby mode, the main menu page will be shown as follows:



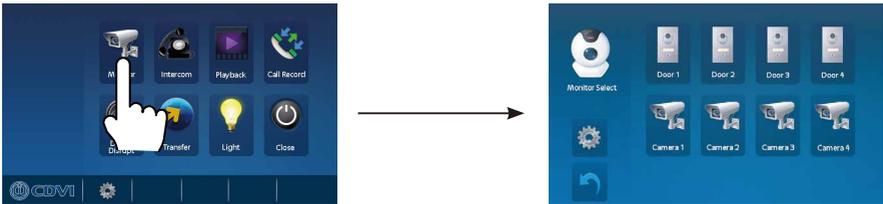
## 4. Basic Operation

1. Pressing the **CALL** button on the outdoor station will ring the monitor and display the visitors image (if the call is not answered, the monitor will switch off after 30 seconds).

2. Press  **TALK/MON** button or touch  icon to talk (hands-free) to the visitor. When you have finished talking, press  **TALK/MON** button or touch  icon again to end the communication.



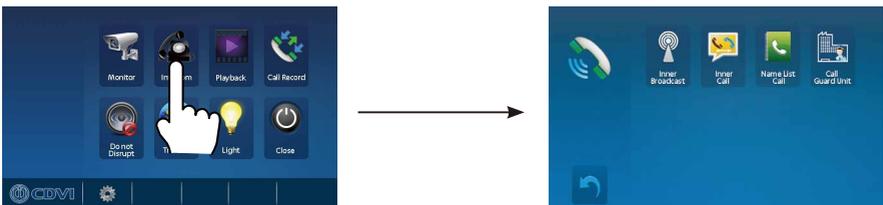
3. While talking with the visitor, Press  UNLOCK Button or touch  icon to open the door for the visitor (if two locks are connected, touch  unlock 2nd icon to release the second door)
4. When the monitor is in standby mode, pressing  TALK/MON Button will display the view of outside door camera. Touching the  Monitor icon on main menu will access the "Door/Camera switching mode" - this is where multi door stations and/or CCTV camera's are installed, you can select the door station or CCTV camera you want to view. Press  icon to exit back to the main menu.



Note: if the system connect 2 wire camera via camera controller, press the camera 1/2/3/4 to monitor the camera you want.press  icon to exit and enter main menu page.

## 5. Intercom Function

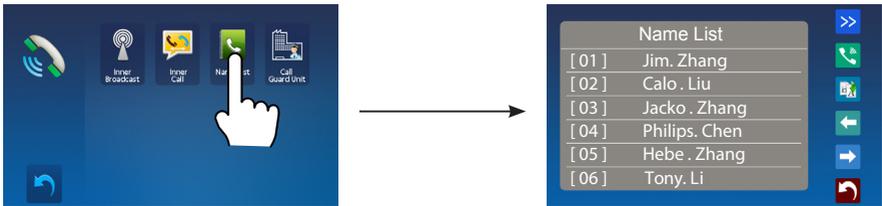
Touch  Intercom icon on main menu to enter the intercom mode. Select one of the icon options: **Inner Broadcast**, **Inner Call**, **Name List Call** and **Call Guard Unit**.



1. **Inner Broadcast:** If slave monitors are installed in the same office/apartment, select Inner Broadcast and all the slave monitors will receive your audio broadcast at the same time.
2. **Inner Call:** If slave monitors are installed in the same office/apartment, select Inner Call and all the slave monitors will ring at the same time, but whichever monitor

answers the call, a conversation can be started and the other monitors will stop ringing.

- Name List Call:** A user in one apartment can call other apartments in the system. Touch  Name List Call icon. Select a name on the screen then touch  icon to call. Press  /  icon to view previous/next name list page. To rename, please touch the line to edit (01, 02 etc), then the keypad page will appear and you can input your new name in this page.



- Call Guard Unit:** A Monitor can be assigned as Guard Unit Monitor. To call, simply press the  icon.

## 6. Video/Picture Memory of Visitors

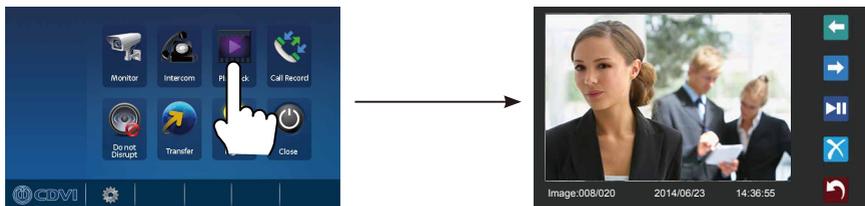
Note: The visitor picture memory function is a standard feature in the monitor, video & audio is available with the addition of a Micro SD card.

### Video/Picture Recording of Visitor

Auto-recording and manual recording is available, auto-recording is the default. On receipt of a call, after 3s the monitor will automatically record one video/picture. You can touch  icon during a call to record the visitor's video/image manually.

### Video/Picture Playback

Touch  **Playback** icon on main menu, the recorded videos/pictures will be played on the screen. The  icon will Start/Pause the images recorded.



Note:

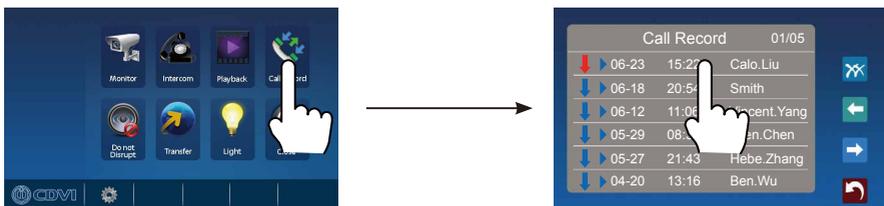
Without SD card, 118 images can be stored memory

With SD card (up to 32GB Micro SD), video and audio can be recorded

## 7. Review Call Records

All the calls received by the monitor, including door-station-to-monitor and monitor-to-monitor, will be recorded and can be reviewed afterwards.

Touch  **Call Record** icon on main menu to get into the call record mode. Unread call records will be indicated by a red arrow. Press the unread record, and then touch  icon to play it.



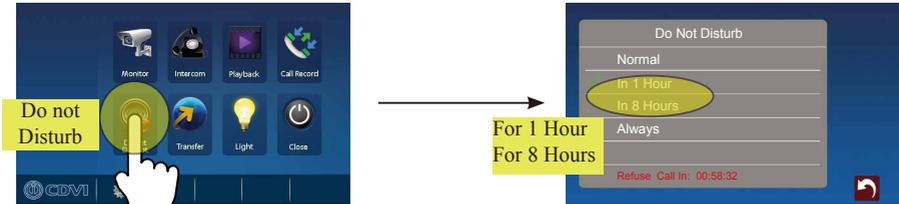
Note:

It is not necessary to delete any records, as when the memory becomes full the newest call will be recorded and the oldest call will automatically be deleted.



## 8. Do Not Disturb Function

Touch  **Do Not Disturb** icon on main menu to get into the do not disturb mode. You have 4 options: **Normal**, **For 1 Hour**, **For 8 Hours** and **Always**. You can select the appropriate item according to your needs.

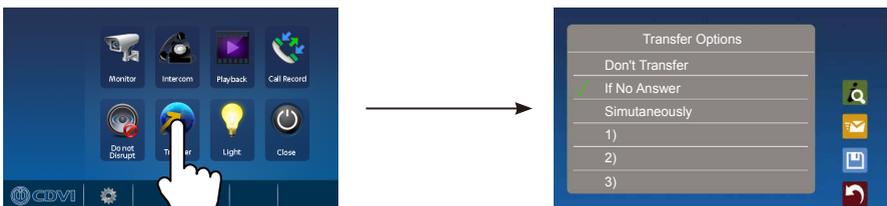


Note: When you select "For 1 Hour" or "For 8 Hours", bottom of the screen will display the remaining time.

## 9. Transfer Function

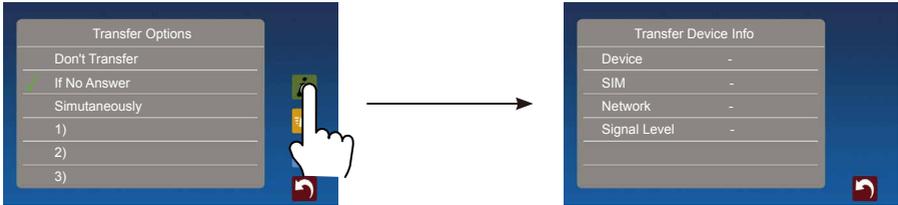
Touch  **Transfer** icon on main menu to get into the transfer mode. Select 1, 2 or 3 and input the telephone number via the digital keypad. There are 3 types of divert mode:

- 1: Don't Transfer - calls from the outdoor station will not be diverted.
- 2: If No Answer - if nobody answer the call from the outdoor station within 30 seconds, the call will be diverted to the telephone number(s) you set. The monitor will shut off immediately when the divert is successful, while not affecting the communication between the outdoor station and the telephone/mobile.
- 3: Simultaneously - calls from outdoor station will be diverted to your telephone immediately, but the monitor won't shut off when the divert is successful. If the monitor answers the call at this time, the divert procedure will quit and communication to the outdoor station will be via the monitor.



Note:1. Touch  icon to display the transfer device info.

2. Touch  icon to send a divert confirmation message to the mobile handset.



## 10. Light

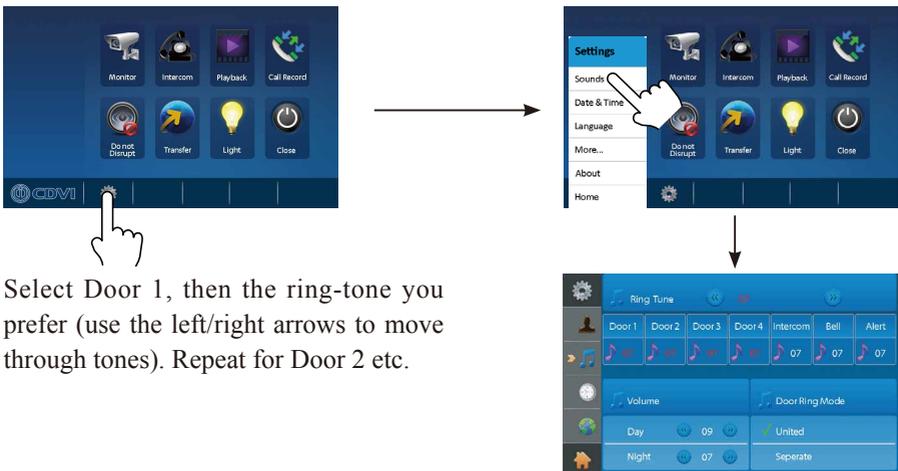
Note: the light function will be activated only when the system is connected to a light via the SC6V module. If no connection made, then this function is invalid. For more information, please refer to the SC6V user instruction manual.

On main menu page or in monitoring, touch **Light** icon to activate the light - the light will be turned off automatically.

## 11. Basic Setup Instructions

### Sound Settings

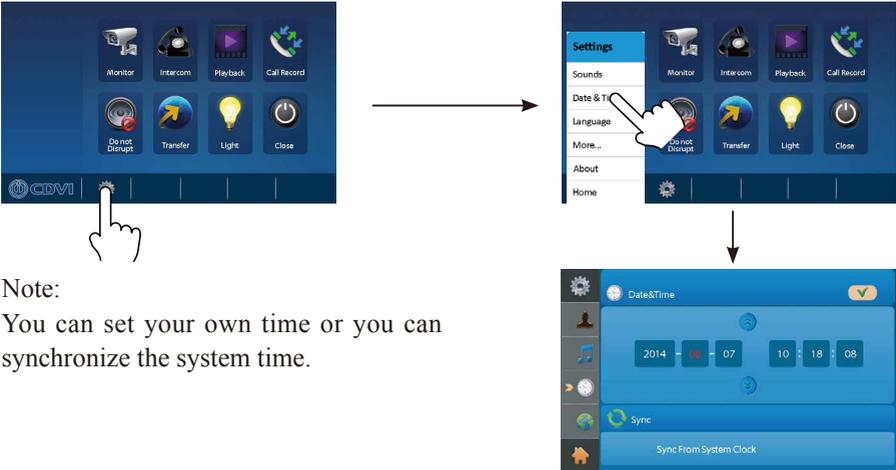
Touch  icon on the main menu page then select "**Sounds**" from the Settings list. You can set a variety of ring tones on this page (touch  icon to exit the setting and return to the main menu page).



Select Door 1, then the ring-tone you prefer (use the left/right arrows to move through tones). Repeat for Door 2 etc.

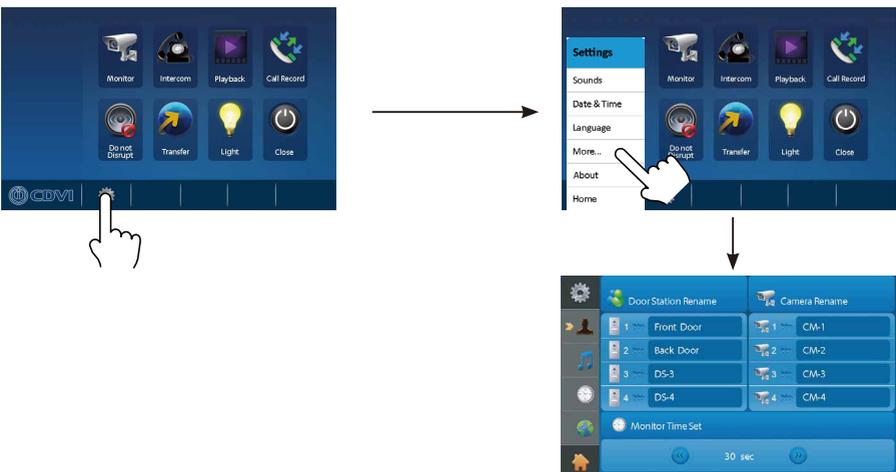
## Date & Time Settings

Touch  icon on main menu page, then select **"Date & Time"** from the Settings list. You can set the date & time on this page (touch  icon to exit the setting and return to the main menu page).

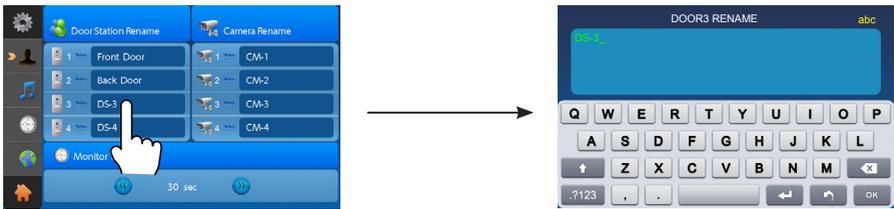


## Rename & Monitor Time Settings

Touch  icon on main menu page, then select **"More"** from the Settings list. You can rename the door station(s) and camera(s), also set the monitor time on this page (touch  icon to exit the setting and return to the main menu page).



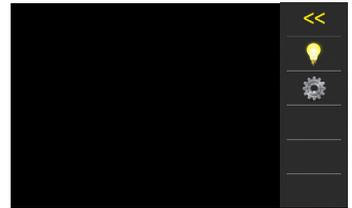
To rename, please touch the line to edit, then the keypad page will appear and you can input your new name in this page.



## Screen and Volume Adjustment

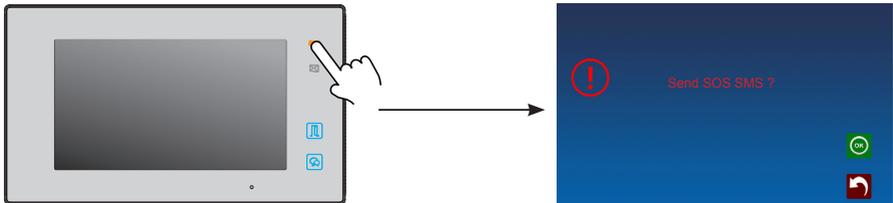
During monitoring or talking, touch  icon, the **Adjust** page will be displayed.

1. The Scene mode selection: Total 4 screen modes can be selected in sequence: **Normal**, **Brightly**, **Soft** and **User**. Whenever you modify **Brightness** or **colour**, **Scene** item will be set to **User** mode automatically.
2. Note that all the modifications will be performed immediately after the operation. Touch the window of image to exit the adjust page.



## 12. SOS/SMS Function

To generate an emergency text, press **SOS** Emergency button for 3 seconds to enter the SOS/SMS page. Then confirm by touching  icon to send the SOS/SMS.



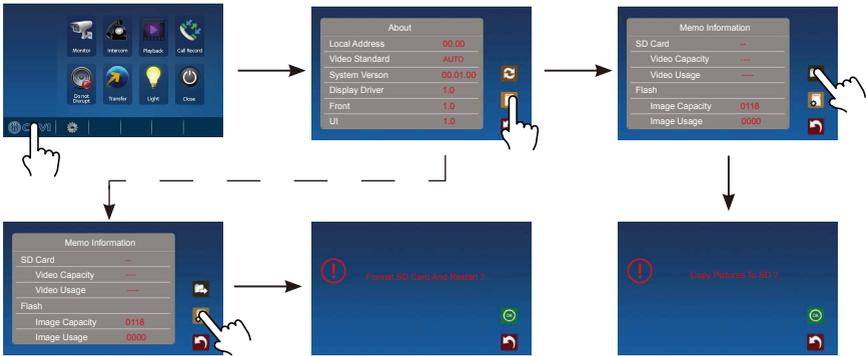
An emergency text will be sent to the designated number.

# 13. Restore to Default

The restore to default function allows the user to recover the factory settings.

Enter main menu page, and touch  icon, then select "About" item or touch the  logo to enter the "About" settings page. Touch  icon, the default settings will be loaded.

Touch  icon to enter the "Memo Information" page, touch  and  icon to copy the pictures to the SD card. Touch  and  icon to format the SD card and restart.



# 14. Monitor Parameter Setting

## How to enter the installation setting page



1.Touch  icon on main menu page.

2.Touch  UNLOCK button and hold for 2s.

3.A digital keypad will be shown.

## How to set the name list

On the main menu select “intercom” – then select “Name List Call”.

Highlight the number you wish to name/change and select . A keyboard will appear, enter/change the name then press ok to save.

## How to set the slave monitor address

Maximum 4 monitors can be connected in one apartment, one master monitor together with 3 slave monitors, so you should set the address correctly. (note: must have one monitor to be set as master monitor)

The code of 8000 is used to set the master monitor.

The code of 8001 is used to set the first slave monitor.

The code of 8002 is used to set the second slave monitor.

The code of 8003 is used to set the third slave monitor.

## How to set the monitor panel on

In default mode, when receive a calling, the master and slave monitors will ring at the same time, and just the master monitor can display the image while the slave monitors can not. But the settings can be changed, you can set the master monitor and all the slave monitors to panel on at the same time when receiving a call, just input the code number of 8006 on each slave monitor.

Press call button  
on door station



When receiving calling, all monitors can display the image at the same time



Master monitor



#1st slave monitor



#2nd slave monitor



#3rd slave monitor

## How to set date and time format

The system offers two methods of date and time.

The code number of 8008 is used to set the date format as month/day/year

The code number of 8009 is used to set the date format as day/month/year

The code number of 8012 is used to set the time format as 12 hour system

The code number of 8013 is used to set the time format as 24 hour system

## How to set the unlock parameter

Unlock mode:

There are two unlock modes: 1.power-on- to-unlock type:unlock mode=0(by default)  
2.power-off-to-unlock:unlock mode=1.

The code number of 8010 is used to set the unlock mode to 0

The code number of 8011 is used to set the unlock mode to 1

Unlock time:

The unlock time can be changed by yourself at any time.it can be set from 1 to 99 seconds.

The code number from 8401 to 8499 are used to set the unlock time to 1~ 99 seconds.

## How to set the monitor as a Guard Monitor

A Monitor can be assigned as Guard Unit Monitor; when the Guard Unit Monitor answers the call, conversation with the guard person is started..

The code number of 8004 is used to set the monitor as a guard unit monitor and 8005 is used to cancel this function.

## How to set the user code for the monitor

Each monitor should be assigned an address in the system, total 32 addresses can be configured, the code number of 8200 to 8231 is used to controlled the address of 01 to 32

- please refer to the following table:

Input No.	User Code	Input No.	User Code	Input No.	User Code
8201	Code=1	8212	Code=12	8223	Code=23
8202	Code=2	8213	Code=13	8224	Code=24
8203	Code=3	8213	Code=14	8225	Code=25
8204	Code=4	8215	Code=15	8226	Code=26
8205	Code=5	8216	Code=16	8227	Code=27
8206	Code=6	8217	Code=17	8228	Code=28
8207	Code=7	8218	Code=18	8229	Code=29
8208	Code=8	8219	Code=19	8230	Code=30
8209	Code=9	8220	Code=20	8231	Code=31
8210	Code=10	8221	Code=21	8232	Code=32
8211	Code=11	8222	Code=22		

## 15. Specification

- Power supply for indoor monitor: DC 20~28V
- Power consumption: Standby: 12.4mA Working: 270mA
- Monitor screen: 7 Inch digital color LCD
- Display resolution: 800\*3(RGB) x 480 pixels
- Video signal: 1Vp-p, 75Ω, CCIR standard
- Wiring: 2 wires, non-polarity
- Dimension: 225 x 131 x 18mm

## 16. Precautions

- 1) All components should be protected from shock or vibration, and be careful the products are not impacted, knocked or dropped.
- 2) Please clean with a soft cotton cloth, please do not use a chemical cleaning agent. If necessary, please use a little pure water or dilute soapy water to clean.
- 3) Image distortion may occur if the video monitor is mounted too close to a magnetic field eg microwaves, TV's, computers etc.
- 4) Please do not subject the monitor to wet, high temperature, dust, caustic and oxidation gas environments, any of which could cause unpredictable damage.
- 5) Please use the right adaptor which is supplied by the manufacturer, or approved by the manufacturer.
- 6) Pay attention to the **high voltage** inside the products, please refer service only to a trained and qualified professional.



CDV-47M (B/W)

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