



CDVI

Security to Access



2EASY



CDV-43

2EASY 4.3-inch Digital TFT Monitor

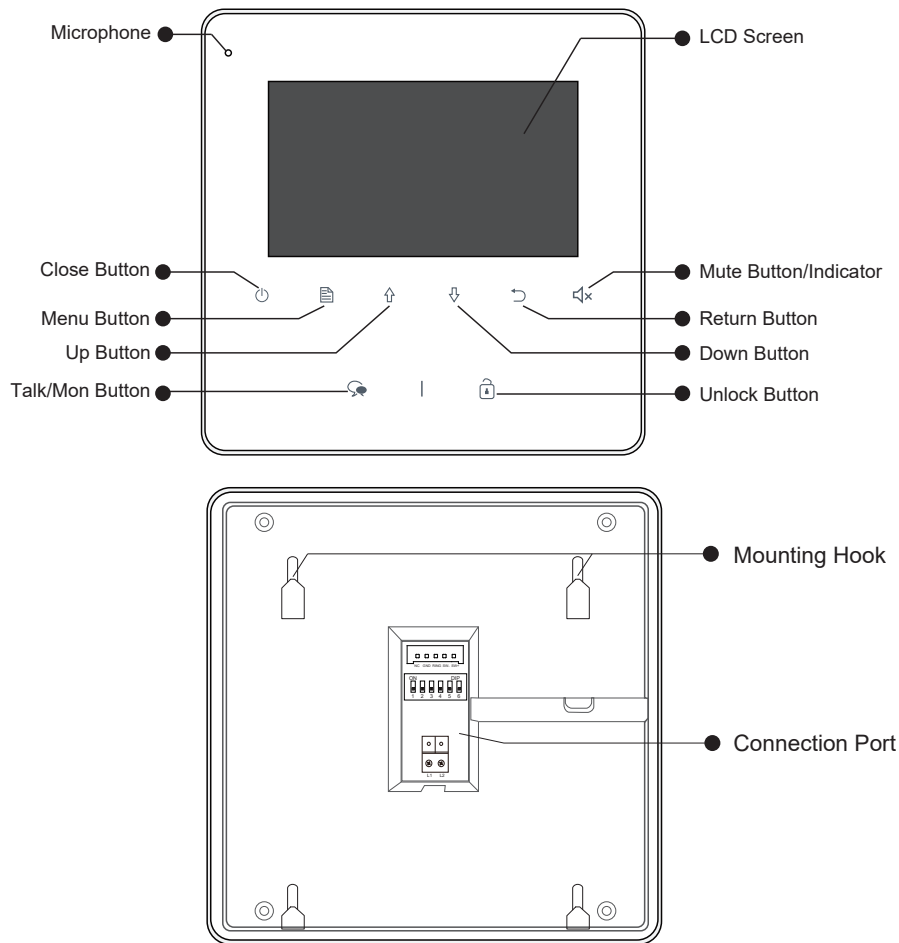


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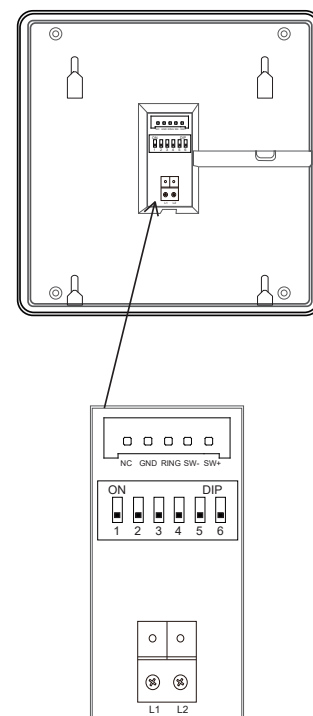
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2] PARTS AND FUNCTIONS

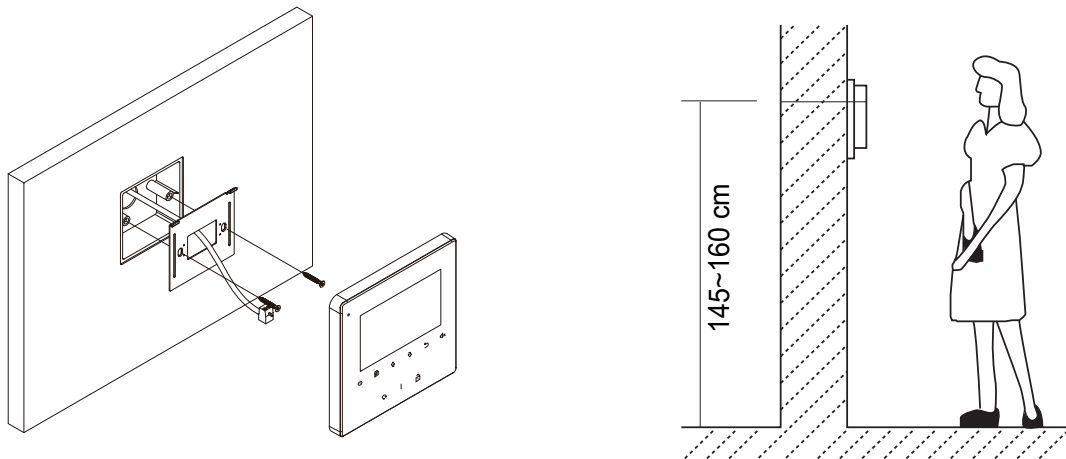


3] TERMINAL DESCRIPTION

- **SW+ / SW-:** Door bell call button connection port
- **External Ring, GND:** Extra buzzer connection port
- **LK+ (COM):** Common contact of the relay.
- **NC:** Reserved
- **L1, L2:** 2-wire BUS terminal.
- **DIP switches:** Total of 6 bits can be configured.
- **Bit1 - Bit5:** Used to set user code.
- **Bit6:** Set to ON when the monitor is at the end of the line (EOL) or operates with a DBC4A. Otherwise set to OFF.





4] INSTALLATION



The installation height is suggested as 145-160cm




1. Use the screws provided to fix the mounting bracket to the wall (fits a standard UK single gang flush back box if required). Fitting accessories include a bracket, screws (2 x M4x25) and a green connection to connect the BUS line to the monitor.
2. Connect the two wires to the unit.
3. Mount the unit to the mounting bracket, making sure the unit is securely attached to the mounting bracket.

5] MAIN MENU

Press  **Menu** /  **Close** button, in standby mode, the main menu page will be shown as follows:








6] ANSWERING A CALL





1. Press **CALL** button on outdoor station to ring the monitor. Meanwhile, the screen displays the visitors' image.
2. Press  **Talk/Mon** Button on monitor, you can communicate hands free with the visitor for 90 seconds. After finishing communication, press  **Talk/Mon** button again(or press  **Close** Button) to end the communication.






If nobody answers the phone, the screen will be turned off automatically after 40 seconds.

3. During talking state, Press  **Unlock** Button to release the first door.
4. When the monitor is in standby mode, press  **Talk/Mon** Button (or select **Monitor By Select** button on main menu, press  **Menu** Button to confirm, and then it will enter the select a camera page, then you can use  /  Button to select the camera you want), the screen can display the view of outside.

7] INTERCOM FUNCTION

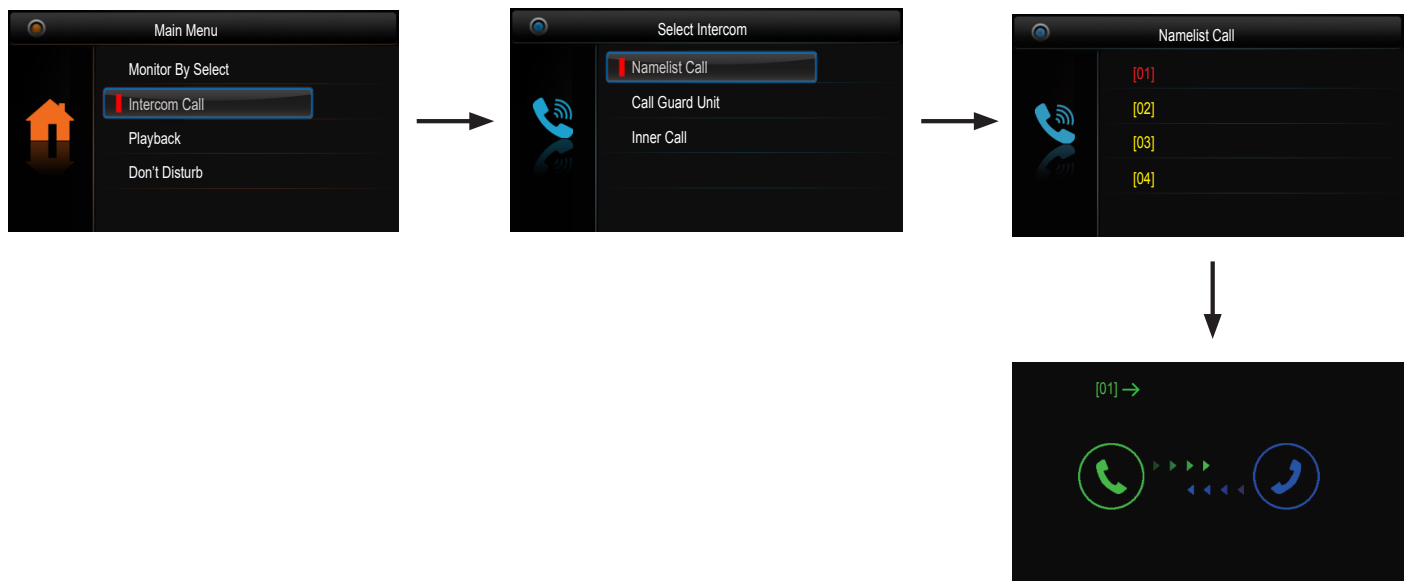
When the monitor is in standby mode, press  **Menu** Button to enter main menu page. Use  /  Button to move upward / downward to select **Intercom Call** item. Press  **Menu** Button to enter the select intercom page, you have 3 items to select.

1. Namelist Call

Users in one apartment can call other apartments in the system. The namelist will be created automatically by the system. Use  /  Button to select a name on the screen then press  **Menu** Button to call.

Notes:

1. Press "MENU" button again to redial.
2. The monitors' DIP switch codes are not the same.








2. Call Guard unit:

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



3. Inner Call: If multiple Monitors are installed in the same apartment, select Inner Call. All the other Monitors will ring at the same time; whichever Monitor answers the call, conversation is started, and the other monitors will stop ringing at the same time.

Note: All the monitors' DIP switches must be set the same.




8] DO NOT DISTURB FUNCTION

When the monitor is in standby mode, press  **Menu** Button to enter the Main Menu page. Use  /  Button to scroll to select '**Don't Disturb**'. Press  **Menu** Button (or press  **Mute** Button/ Indicator directly) to enter the 'Don't Disturb' page. There are 4 items to select from.



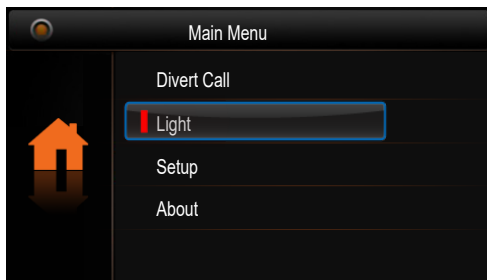
When in standby mode, press  **Menu** /  **Close** button. The main menu page will be shown as follows:






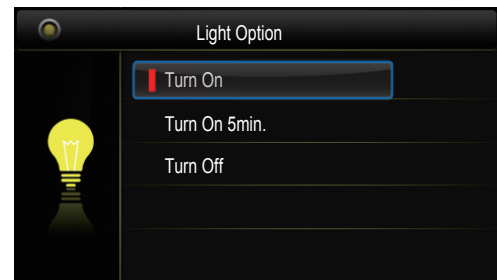
Use  /  Button to select the item you want, then press  **Menu** button to confirm.




10] LIGHT FUNCTION

When the monitor is in standby mode, press  **Menu** Button to enter the Main Menu page. Use  /  Button to scroll to select '**Light**' function. Press  **Menu** Button to enter the 'Light' Option page. There are 4 items to select from.



Use  /  Button to select the Light function, then press  **Menu** button to confirm.



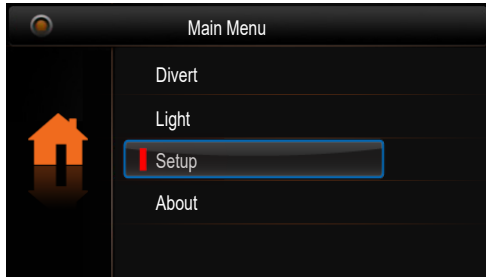
Use  /  Button to select the item you want, then press  **Menu** button to confirm.




1. **Turn On:** Select to switch on the staircase light. The light will be turned off automatically after 60 seconds.
2. **Turn On 5min:** Select to switch on the staircase light. The light will be turned off automatically after 5 minutes.
3. **Tun Off:** Select to switch off the staircase light

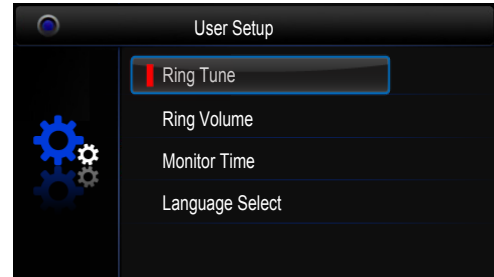
Note: The light function will be activated only when the system is connected to a light via the *CDV-RLC* module. Otherwise, this function is disabled.




11] SETUP FUNCTION

When the monitor is in standby mode, press  **Menu** Button to enter the Main Menu page. Use  /  Button to scroll to select '**Setup**' Option. Press  **Menu** Button to enter the 'User Setup' Option page. There are 4 items to select from.



Use  /  Button to select the Setup function, then press  **Menu** button to confirm.

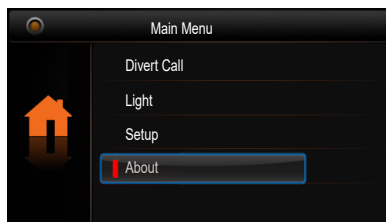





Use  /  Button to select the item you want, then press  **Menu** button to confirm.

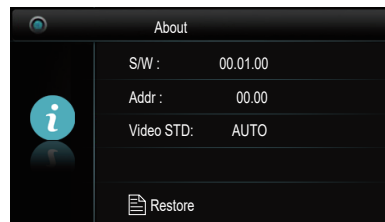
1. **Ring Tone:** Select to set the ring tone of the Door Station, Intercom and Door Bell.
2. **Ring Volume:** Select to set the volume of the monitor.
3. **Monitor Time:** Select to set the monitor time.
4. **Language Select:** Select to set the language.

12] MONITOR SETTINGS

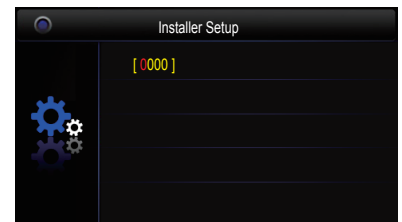
How to Enter Installer Settings Page






Use  /  Button to select the About option, then press  **Menu** button to confirm.



Press  **Unlock** button and hold for 3s.



Use  /  Button to increase or decrease the value. Press  **Menu** button to confirm.

Setting Codes and Items

Code	Description
[8000]	Master 0
[8004]	Guard Unit
[8006]	Video on slave monitor when called
[8014]	Unlock menu ON (Lock 2)
[8001]-[8003]	Slave 1-3
[8007]	Video off on slave when called
[8015]	Unlock menu OFF (Lock 2)

How to Set the Monitor as Guard Monitor

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

8004: Code number to set the monitor as Guard Unit Monitor

8005: Code number to cancel the Guard Unit Monitor function

How to Set the Slave Monitor Address

A maximum 4 monitors can be connected in one apartment; one master monitor together with 3 slave monitors. Make sure the addresses are set correctly.

Note: One monitor must be set as master monitor.

8000: Code number to set the master monitor.

8001: Code number to set the first slave monitor.

8002: Code number to set the second slave monitor.

8003: Code number to set the third slave monitor.

How to Set the Slave Monitor Panels On

In default mode, when you receive a call, the master and slave monitors will ring at the same time, but just the master monitor will display the image.

These settings can be changed: The system can be changed to allow the master monitor and all the slave monitors to display video at the same time when receiving a call. To enable this setting, enter code number **8006** on each slave monitor.

*Press the call button
on door station*



Master monitor

*Master and slave monitors
will display the image at
the same time.*



slave monitor

Set the Unlock Parameter

Unlock mode

There are two Unlock Modes:

1. Power-on-to-unlock (Fail Secure) type: Unlock mode = 0 (default mode)
2. Power-off-to-unlock (Fail Safe) type: Unlock mode = 1

8010: Code number to set the unlock mode to 0

8011: Code number to set the unlock mode to 0

Unlock time

The unlock time can be changed at any time. It can be set from 1 to 9 seconds.

8021-8029: Code numbers to set the unlock time from 1 to 9 seconds.

Enable/ Disable Auto Unlocking

Note: Disabled by default

Auto Unlocking allows the door to unlock after 5 seconds after a call has been placed from the door station without the need to answer or unlock the door. This allows the user to 'leave the door on the latch' for a known visitor.

To enable this function enter the following code numbers in the Installation Page:

9018: Enable Auto Unlocking function - 'AU FUNC ON' will show on the screen

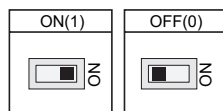
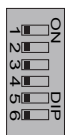
9017: Disable Auto Unlocking function - 'AU FUNC OFF' will show on the screen



User Code Setup









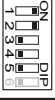























Every apartment must have a unique identification called the User Code (address). DIP switches are used to configure the User Code for each Monitor.

- Bit-1 to Bit-5: Set the User Code. The values range from 1 to 32, giving 32 different codes for 32 apartments.
- When multiple monitors (4 max) are installed in one apartment, these monitors have to use the same User Code setting and the Master / Slavemode should not be set on the Monitor.
- Bit-6 is for the line termination switch (EOL). This has to be set to ON if the Monitor is at the end of the line (BUS), otherwise set to OFF.

Bit-6 line terminal setting

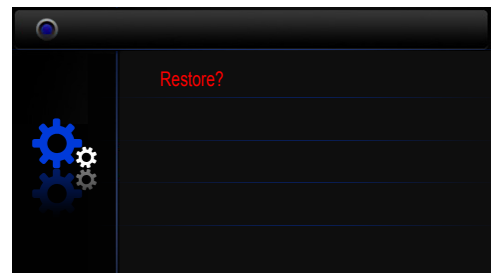
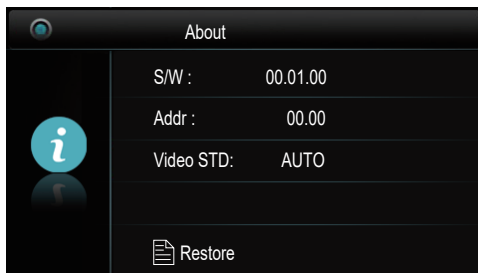



Bit state	Setting	Bit state	Setting
	Monitor not at the end of the line		Monitor at the end of the line

Bit state	User Code	Bit state	User Code	Bit state	User Code	Bit state	User Code
	Code = 1		Code = 10		Code = 19		Code = 28
	Code = 2		Code = 11		Code = 20		Code = 29
	Code = 3		Code = 12		Code = 21		Code = 30
	Code = 4		Code = 13		Code = 22		Code = 31
	Code = 5		Code = 14		Code = 23		Code = 32
	Code = 6		Code = 15		Code = 24		
	Code = 7		Code = 16		Code = 25		
	Code = 8		Code = 17		Code = 26		
	Code = 9		Code = 18		Code = 27		

Restore to Default Settings






When the monitor is in standby mode, press  **Menu** Button to enter the Main Menu page. Use  /  Button to scroll to select '**Restore**' option. Press  **Menu** Button to enter the 'Restore' option page. Press  **Menu** Button to confirm.



Use  /  Button to select the Restore option, then press  **Menu** button to confirm.

Press  **Menu** button to confirm.

13] SCREEN AND VOLUME ADJUSTMENTS

During monitoring or a call, press  **Menu** Button. The Adjustment page will be displayed. Use the  **Menu** Button to select the option required. Use the  /  Button to increase/decrease the value. Press the  Return Button to quit the Adjustment page.

1. A total of 4 screen modes can be selected from: *Contrast, Brightness Colour & Volume.*
2. *Contrast, Brightness* and *Colour* options are for the image quality; adjust the value to get the best image you like.
3. The *Volume* options are for ring tone and talking volume adjustment.



14] SPECIFICATIONS

Feature	Description
Power Supply	20-28Vdc
Power Consumption	Standby: 0.17W Working: 4.7W
Monitor Screen	4.3-inch digital color TFT
Display Resolution	480 (R,G,B) x 272 pixels
Video Signal	1Vp-p, 75Ω, CCIR standard
Wiring	2-wire, no polarity
Dimensions	137(H) x 137(W) x 17(D) mm



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