smartwares

DIC-222 Intercom Series
Instruction Manual

1. Please read these instructions carefully before installing and using the product.
2. Do not cut the power supply cable to extend it; the device (transformer) will not work with a longer cable. Do not plug in the device until all the wiring has been finished.

INSTALLATION SAFETY

1. Keep children and bystanders away while installing the products. Distractions can cause you to lose control.
2. Do not overreach when installing this product. Keep proper footing and balance at all times. This enables better control in unexpected situations.
3. This product is not a toy. Mount it out of reach of children.

OPERATION SAFETY

1. Do not operate electrically powered products in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Electrically powered products create sparks which may ignite the dust or fumes.
2. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.
3. Do not expose the Power Adapter of this product to rain or wet conditions. Water entering the Power Adapter will increase the risk of electric shock.
4. Do not abuse the Power Cord. Never use the cord for unplugging the plug from the outlet. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
5. The adapter must match the outlet. Never modify the plug in any way. Unmodified plugs and matching outlets will reduce risk of electric shock.
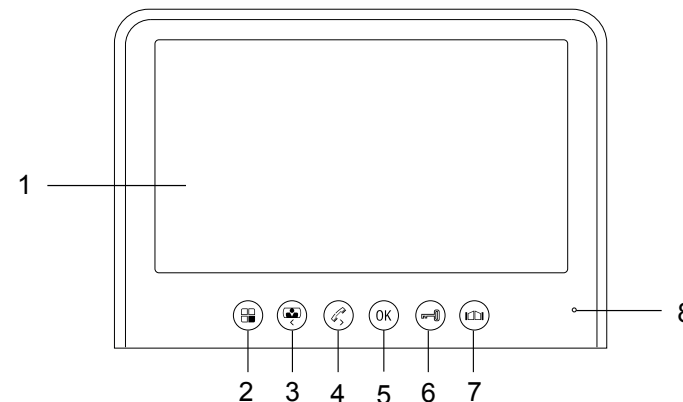
IN THE BOX
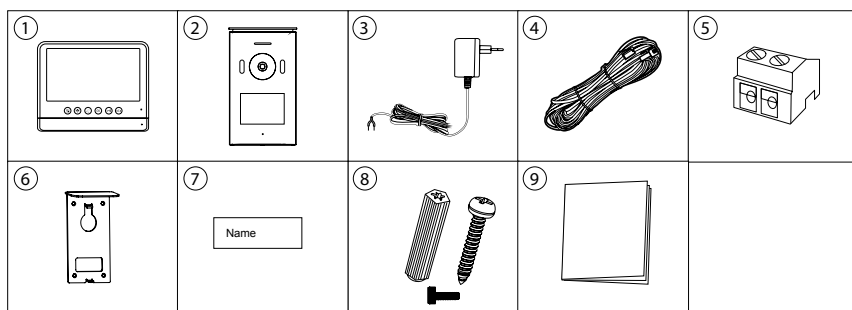
1. Indoor monitor
2. Outdoor unit
3. Adapter
4. Wiring
5. Terminal
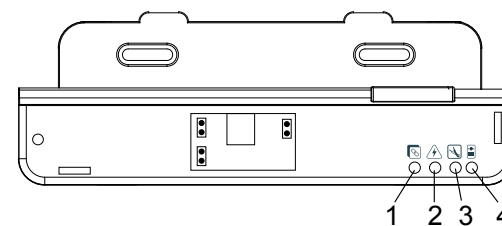6. Mounting plate
7. Nameplate
8. Screws and plugs
9. Quickstart guide

INDOOR MONITOR

1. Screen
2. Menu button/ Exit button
3. Monitor Button/ Left button
4. Intercom button / internal call / right button
5. OK button
6. Unlock door button
7. Unlock gate button
8. Microphone

INDICATOR LED DESCRIPTION

1. RED : Extra monitor is connected in error
   BLUE: **OK** (if no extra monitor - BLUE)
2. RED: Voltage >16V
   BLUE: Voltage < 16V **OK**
3. RED: Wrong connection of cables from outdoor
   BLUE: **OK**
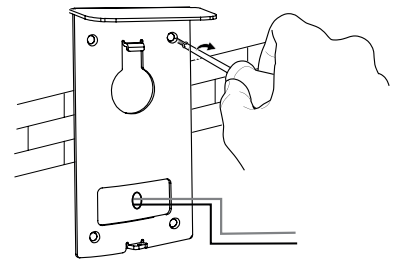4. RED: Connection is lost between indoor and outdoor
   BLUE: **OK**

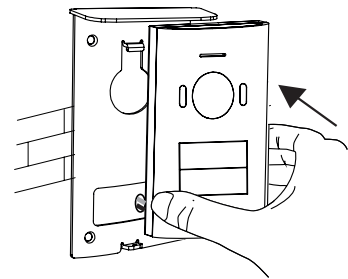### OUTDOOR UNIT

ON
1
4~7 Sec
1 Sec
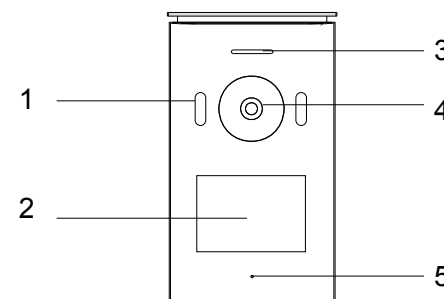
1. Infrared LED
2. Call button/ Name card
3. Speaker
4. Camera Lens
5. Microphone
6. Unlock time Switch
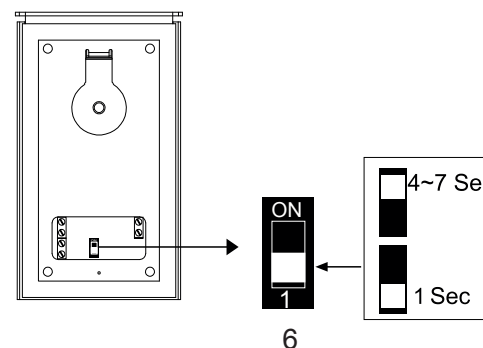
When installing the outdoor unit, make sure that the location you wish to install it is dry. It is important that the camera or the electronics do not get wet.

1. Drill holes in the wall, insert the wall plugs in the holes. Place the bracket and tighten the screws.
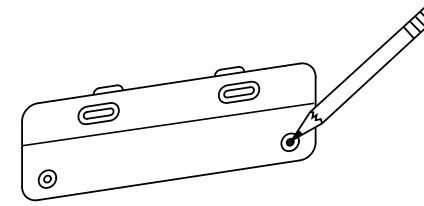
2. Connect the wires (see WIRING).
3. Mount the outdoor unit on the bracket. Make sure it is properly secured.
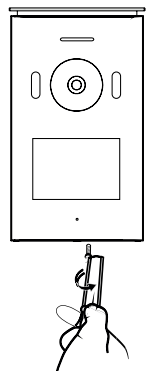
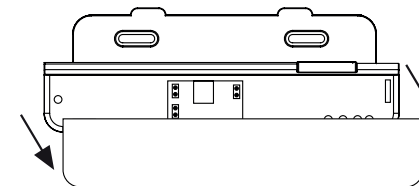4. Use the special security screw on the bottom of the unit, to prevent theft.

5. It is possible to change the camera angle. Remove the unit from the bracket. Loosen the screw at the back of the device (right behind the camera), change the angle and tighten the screw again.

1. Mark the installation location
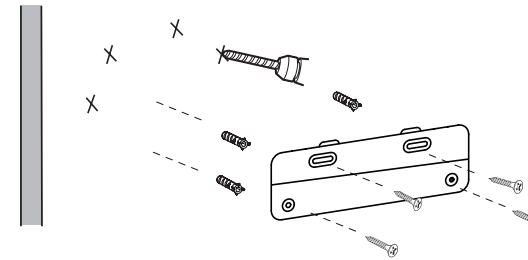
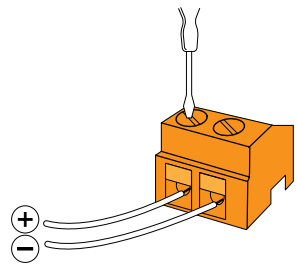2. Drill a hole in the wall, insert wall plugs and screw unit onto wall.
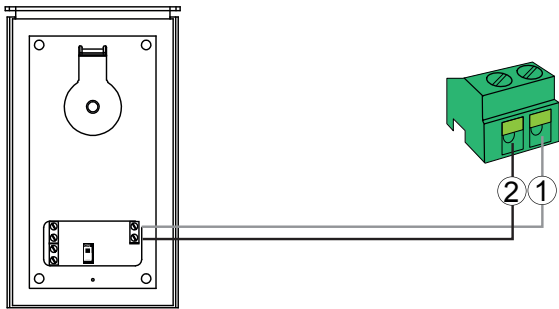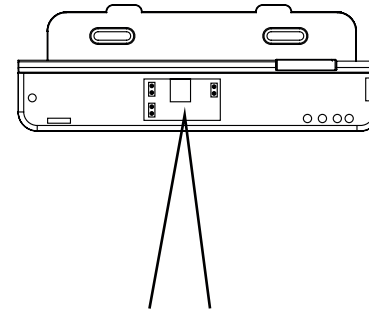
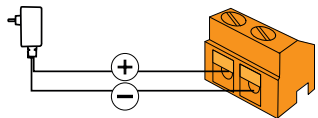3. Open the panel by the arrow direction
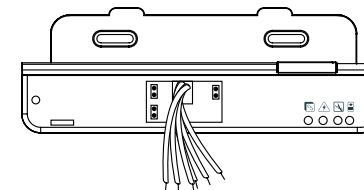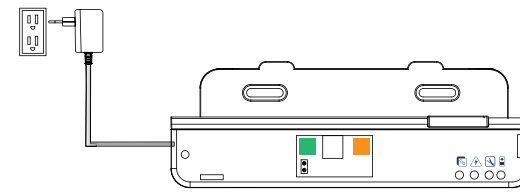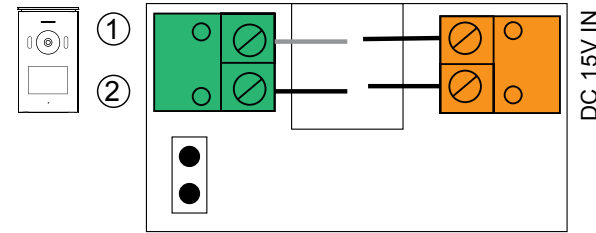
4. Pull the wires from the hole
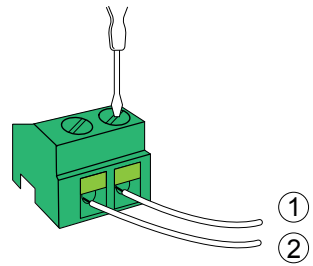
5. Take out the green terminal from accessories bag, connect the wires to the outdoor unit
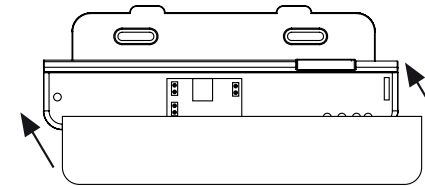
6. Take out the orange terminal from accessories bag, connect the wires to the power
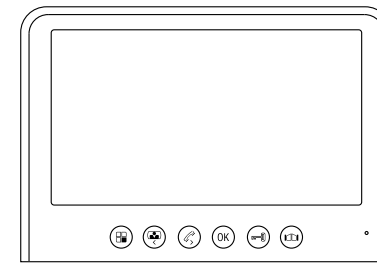
7. The green terminals into the 1.2
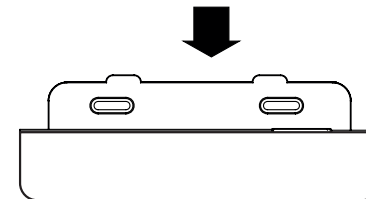8. The orange terminal into the DC 15V IN

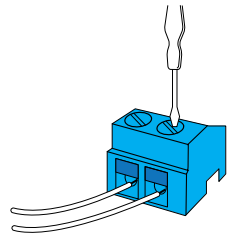9. Plug in the power and check the wiring is correct
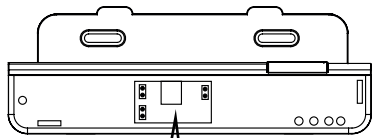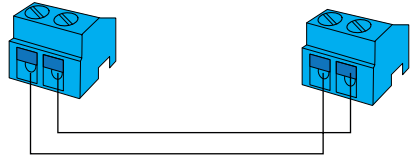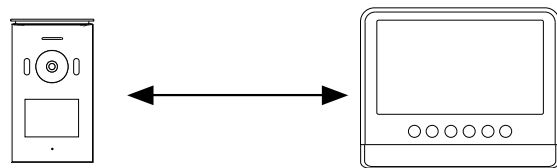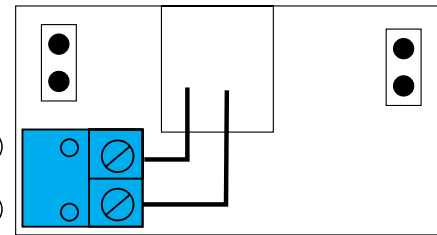
10. Cover the panel

11. Indoor-monitor to insert the smart bracket.
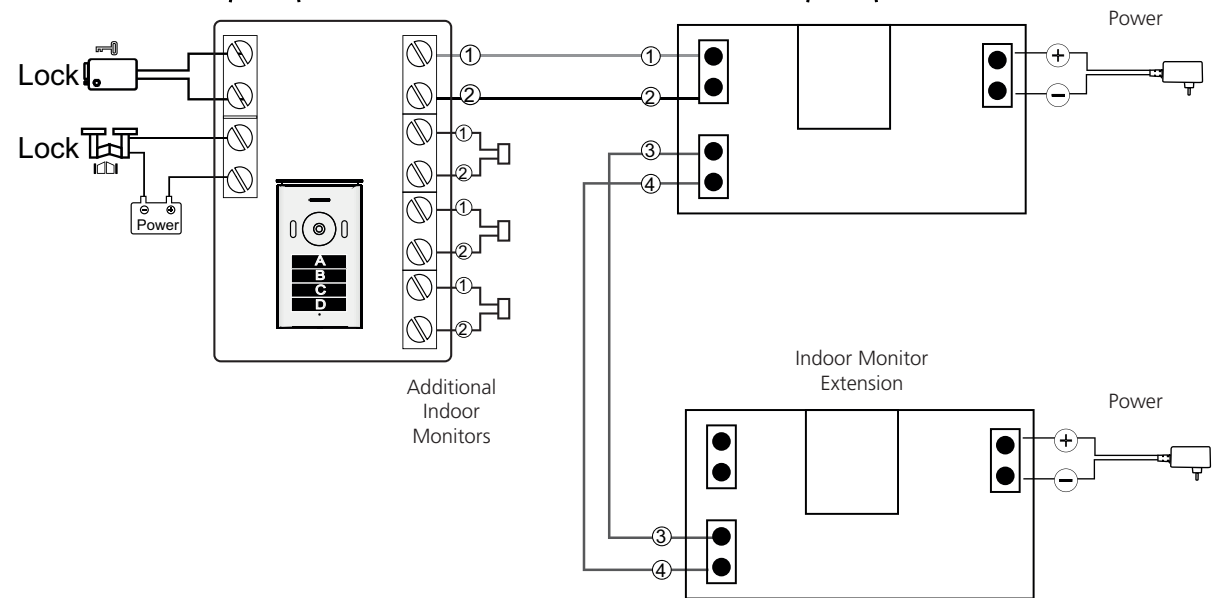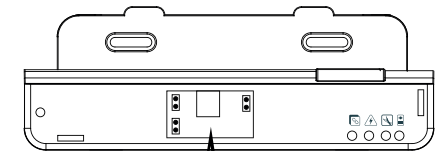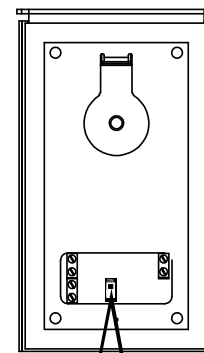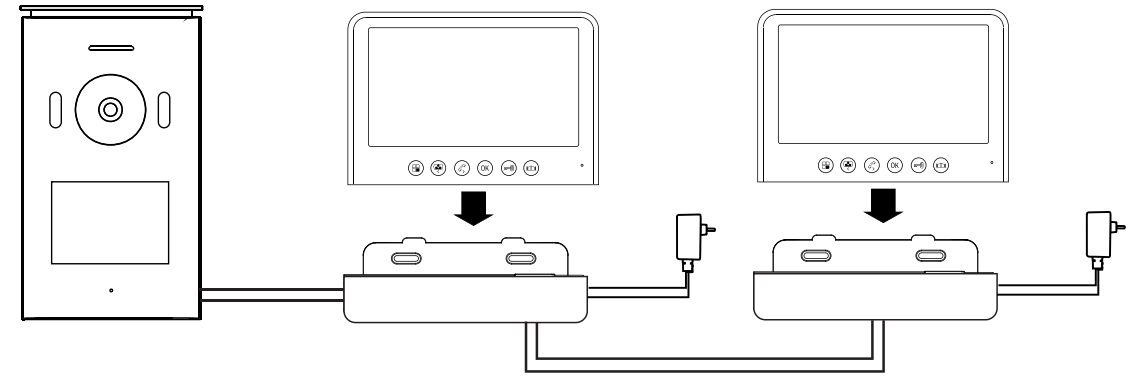
HOW TO CONNECT AN EXTRA MONITOR

1. Take out the blue terminal from accessories bag, connect the wires to extension unit

2. The blue terminal into the 3.4

Lock

Lock

Power

Additional Indoor Monitors

Indoor Monitor Extension

Power

Power

Distance between units	Wiring
1 - 50m	2 x 0.75mm^2
1 - 100m	2 x 1.5mm^2

Extra indoor-monitors are optional, depending on how many indoor units you intend to use.

Intercom function: When in standby, when a visitor presses the call button on the outdoor unit, the indoor-monitor will chime and you will see a live view of the visitor on the screen. Press the intercom button to speak to the visitor.

Monitor function: Press this button on the indoor-monitor unit to see a live view of the outdoor unit camera.

Internal Intercom: When in standby, press and hold the intercom button to activate the internal intercom function. Use this to communicate between your different indoor monitors.

Unlocking the door: After identifying your visitor, you can press this button to unlock the door.

Unlocking the gate: After identifying your visitor, you can press this button to unlock the gate.

Taking a photo/video: When someone rings the bell, it will take photo or video automatically. In the call, Intercom, monitor state, pressing the button will take a photo or video. The memory can store up to 100 photos, if storage is full it will written over the first photo. Video files can only be stored in the TF card, if you don't insert a TF card, you cannot store video.

- Press the menu button to enter the main menu.
- Navigate the menu by using the left and right button. Confirm your selection with the OK button. Go back a step with the Menu button.

From this menu you can enter the following submenu's:
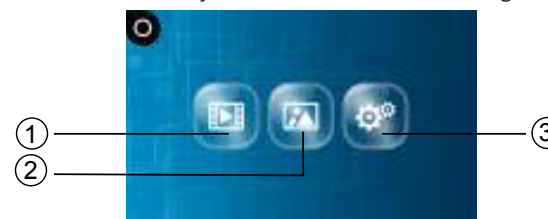
1. Video menu: You can browse through recorded video clips.
2. Photo menu: You can browse through still shots.
3. System settings menu: You can change various settings from this menu.

SETTINGS MENU

1. Select photos or videos
2. Video time
3. Set number of photos
4. Adjust image effects
5. Adjust ringtone and volume
6. Date/time setting
7. Formatting
8. Version Information

ICON SUMMARY

Icon	Description
	Call
	Monitor
	Intercom
	Internal call
	Internal intercom
	Unlock gate
	Unlock door
	Main menu
	View video
	View Photo
	Menu settings

Icon	Description
	Photos
	Video time
	Set number of photos
	Photo
	Video
	Adjust image effects
	Adjust ringtone and volume
	Time setting
	Formatting
	Version

INDOOR MONITOR

Supply Voltage	15V⎓ 1A
Screen size	7" (diagonal) inch
Color configuration	R.G.B.delta
Video System	PAL/NTSC
Effective Pixels	800x3(RGB)x480
Consumption current	500 ± 200mA
Operation temperature	-10°C - +50°C
Operation Humidity	85%(Max)
Picture Type	JPEG
Video Type	AVI

OUTDOOR UNIT

Imaging sensor type	1/4" CMOS
View angle	about 100°
Effective pixels	1288 (H) x 728 (V)
Minimum illumination	1Lux/F1.2
Night vision distance	about 0.5
Effective window array	640 (H) x 480 (V)
Operating temperature	-10°C - +50°C
Operating Humidity	≤85%RH

SAFETYINFORMATION
Precaution

- ☑ Do not cover the ventilation openings with objects such as newspaper, table cloths, curtains etc.
- ☑ Do not allow this product to get directly into contact with heat sources or naked flames.
- ☑ The normal operation of the product may be disturbed by strong electro-magnetic interference.
- ☑ This equipment is built exclusively for domestic use.
- ☑ The device must not be exposed to splashes and it must not be submerged.
- ☑ No object containing liquids, such as a vase, may be placed on the device.
- ☑ Maintain a minimum safety distance of 10cm all around the product in order to insure proper ventilation.
- ☑ Insure the outdoor unit is not installed where it may be covered by water or rain.
- ☑ Do not allow children to play with the device

CE Conforms to all relevant European Directives

This symbol is known as the 'Crossed-out Wheelie Bin Symbol'. When this symbol is marked on a product or battery, it means that it should not be disposed of with your general household waste. Some chemicals contained within electrical/electronic products products or batteries can be harmful to health and the environment. Only dispose of electrical/electronic/battery items in separate collection schemes, which cater for the recovery and recycling of materials contained within. Your co-operation is vital to ensure the success of these schemes and for the protection of the environment.