DIGIGUARD
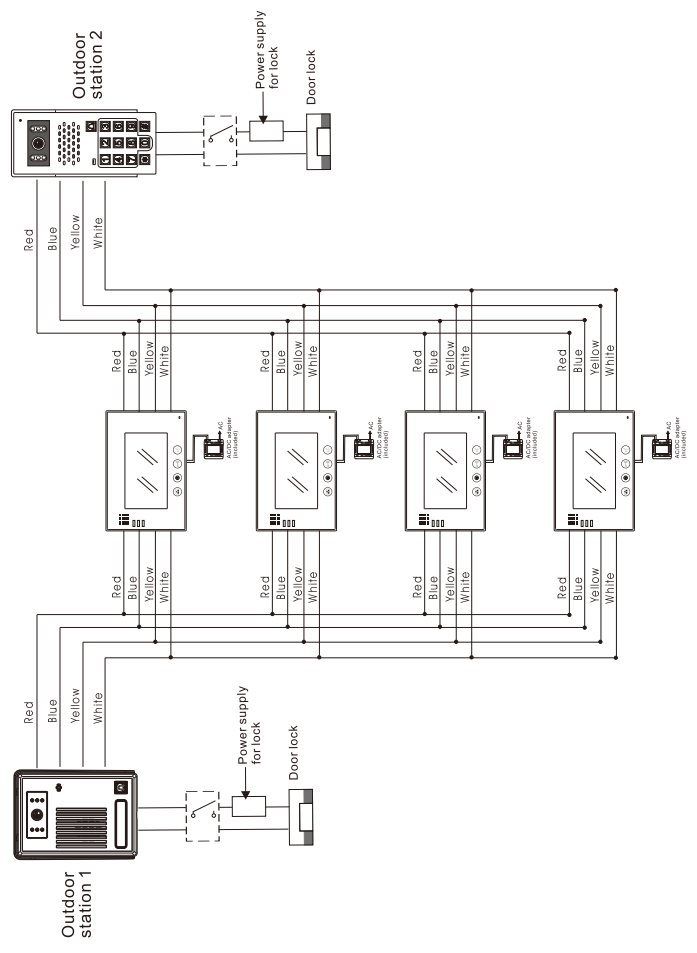
VIDEO
ENTRY SYSTEM

| Indoor Monitor | Outdoor Station | Power Supply |

Villa kit
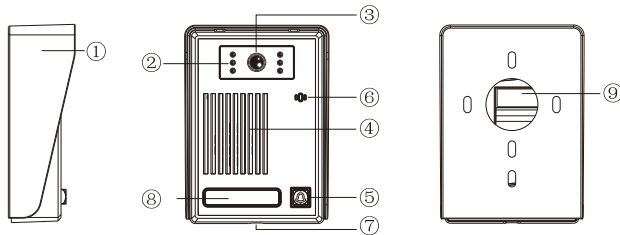Video Entry System

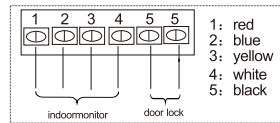**DIGIGUARD**   CE FC RoHS
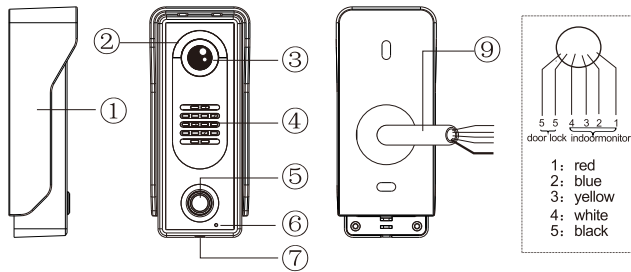
Outdoor station 2

Power supply for lock

Door lock

Red
Blue
Yellow
White

Red
Blue
Yellow
White

Red
Blue
Yellow
White

Red
Blue
Yellow
White

Red
Blue
Yellow
White

AC/DC adapter (included)

AC

AC/DC adapter (included)

AC

AC/DC adapter (included)

AC

AC/DC adapter (included)

AC

Red
Blue
Yellow
White

Red
Blue
Yellow
White

Red
Blue
Yellow
White

Red
Blue
Yellow
White

Red
Blue
Yellow
White

Power supply for lock

Door lock

Outdoor station 1

1

▶ OUTDOOR STATION

■ C741

Dimension: 97x130x43mm

1	2	3	4	5	5

indoormonitor   door lock

1：red
2：blue
3：yellow
4：white
5：black

1.Audio 2.GND 3.Power+
4.Video 5.Lock

■ C742

Dimension: 58x135x39mm

5 5 4 3 2 1
door lock indoormonitor

1：red
2：blue
3：yellow
4：white
5：black
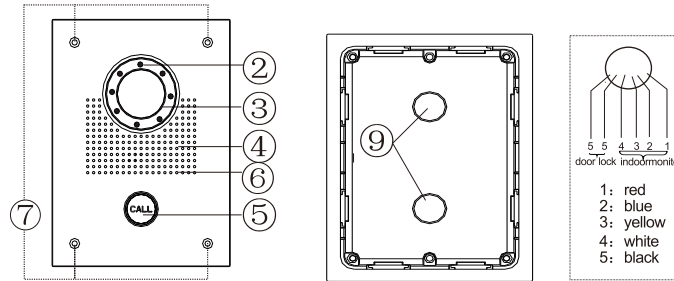
■ C743

Dimension: 203x150x43mm

5 5 4 3 2 1
door lock indoormonitor

1：red
2：blue
3：yellow
4：white
5：black

■ C743KP
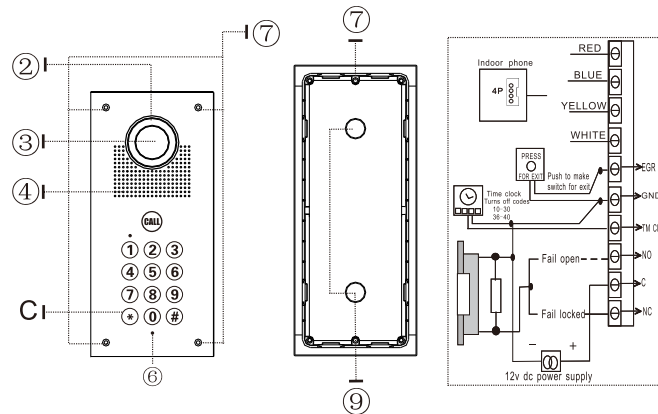
Dimension: 250x120x43mm

Indoor phone
4P

RED
BLUE
YELLOW
WHITE

PRESS
FOR EXIT   Push to make
switch for exit

Time clock
Turns off codes
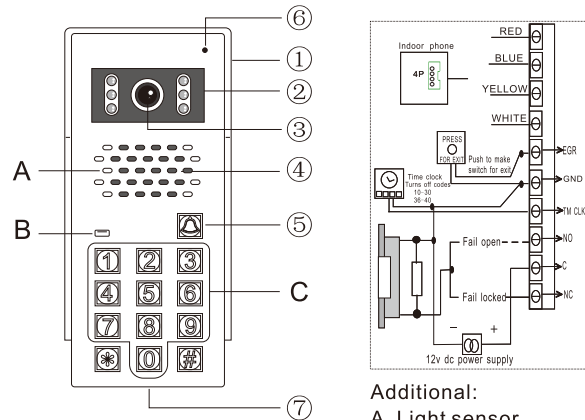10-30
36-40

Fail open

Fail locked

12v dc power supply

EGR
GND
TM CLK
NO
C
NC

EGR=egress button

■ C741KP

Additional:
A. Light sensor
B. LED indicator
C. Keypad access

Dimension: 78X185X60(mm)

NO·	NAME	DESCRIPTION
①	Water Cover	Protect the camera from outside water
②	LED Assistant	Provide lighting during night time for better visibility.
③	CCD Camera	Capture the image to sent to the moniotor
④	Speaker	Sound from the monitor is delivered
⑤	Calling Button	Call the indoor phone to communicate
⑥	Microphone	Delivers and sound voice when communication with the indoor phone
⑦	Screw Hole	Install the screws
⑧	Nameplate	Show residential name
⑨	Connection wiring	Connection with the monitor

Specification

Power	DC 14.5V
Electric current	Working ≤ 200mA
Camera lens	1/3 CMOS High Definition
Illumination	0.05LUX
Communication duration	120s
Communication method	Two-way
Working Temperature	-20-55℃
IP rating	55

Specifications of C741KP/C743KP series code access
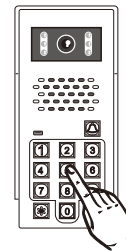
⚠ **ATTENTION**

1: Input a 4 Digit Password To Have The Door Striked Or The Lock Unlocked.
2: The Original Factory Defaulted Password Is ✷ 1234.

KEYPAD COMMAND (C743KP C741KP)

Default master code:1234
Entering programming mode
1:Press the * then 4 digit master code
2:If successful three tones will sound and the LED will flash

Adding user codes
1:Enter programming mode
2:Input the code 01-31 for normal operation,
  32-40 for latching mode.
3:Enter the 4 digit code,if successful three tones sound
  if not 2 tones sound.
4:Press * to exit

Deleting a user code
1:Enter programming mode
2:Enter code 01-40
3:Press # to delete code
4:If successful three tones will sound
5:Press * to exit

Deleting a code from an unknown code
1:Enter progamming mode
2:Press # two tones will sound
3:Input 4 digit code to be deleted
4:Three tones will sound if successful
5:Press * to exit

Deleting all codes
1:Enter programming mode
2:Press # two tones will sound
3:Press # again to hear a further two tones
4:Press # seven times to default all codes and settings
  (the master code will remain)
5:The system will resume after five seconds and tones

Changing the master code
1:Down power the unit
2:Hold * and power up the unit, a long tone will sound
3:When the tone stops ,a short tone will sound and input
the new 4 digit programming code

Set the lock time
1:Enter programming
2:Enter 00
3:Enter the lock/delay operation time (01-99 seconds)
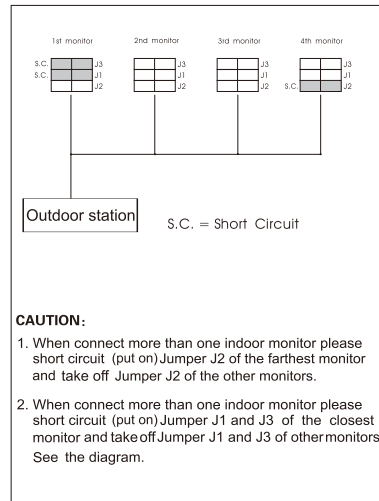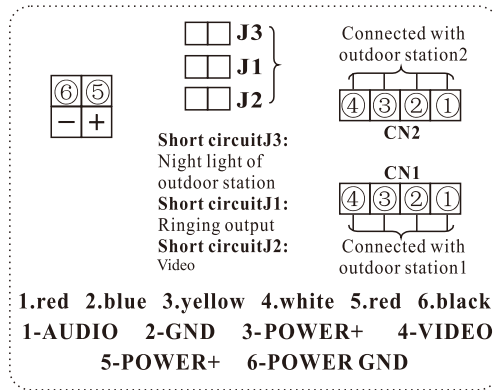4:Press * to exit

INDOOR MONITOR

■ M741W

241mm

23mm

161mm

② ③ ④ ⑤

① ⑥ ⑦ ⑧ ⑨ ⑩

■ M741MW

⑮ ⑯ ⑰ ⑱

⑪ ⑫ ⑬ ⑭
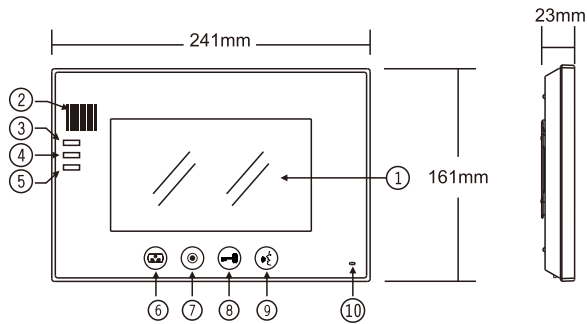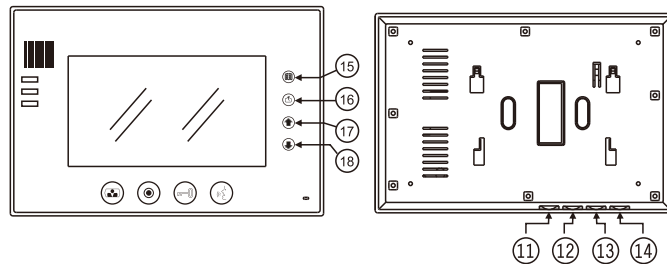
NO.	Function	NO.	Function
①	TFT	⑩	Microphone
②	Speaker	⑪	Brightness
③	Power and talking indicator	⑫	Chroma
④	Door 1 calling indicator	⑬	Volume
⑤	Door 2 calling indicator	⑭	Ring adjust
⑥	Monitor(Touch button)	⑮	**Enter the menu**
⑦	Calling(Touch button)	⑯	**Exit**
⑧	Unlock(Touch button)	⑰	Page up
⑨	Talking(Touch button)	⑱	Page down

▶ Specification

Working condition	Temperature: -10 ~ +55℃
	RH ≤ 95%
Voltage	DC14.5V
Standby current	≤ 50mA
Working current	≤ 600mA
Mode	Dual transmission
Talking time	2 minutes

▶ Wiring diagram

```
        ┌──┬──┐ J3  ┐
        ├──┼──┤ J1  │ Connected with
┌──┬──┐ ├──┼──┤ J2  ┘ outdoor station2
│⑥│⑤│
├──┼──┤        ④③②①
│ −│ +│          CN2
└──┴──┘
                   CN1
Short circuitJ3:   ④③②①
Night light of
outdoor station   Connected with
Short circuitJ1:  outdoor station1
Ringing output
Short circuitJ2:
Video
```

1.red 2.blue 3.yellow 4.white 5.red 6.black
1-AUDIO   2-GND   3-POWER+   4-VIDEO
5-POWER+   6-POWER GND

```
   1st monitor   2nd monitor   3rd monitor   4th monitor
S.C.┌─┬─┐J3   ┌─┬─┐J3   ┌─┬─┐J3   ┌─┬─┐J3
S.C.├─┼─┤J1   ├─┼─┤J1   ├─┼─┤J1   ├─┼─┤J1
    └─┴─┘J2   └─┴─┘J2   └─┴─┘J2 S.C.└─┴─┘J2


┌──────────────┐
│Outdoor station│    S.C. = Short Circuit
└──────────────┘
```

CAUTION：

1. When connect more than one indoor monitor please short circuit (put on) Jumper J2 of the farthest monitor and take off Jumper J2 of the other monitors.

2. When connect more than one indoor monitor please short circuit (put on) Jumper J1 and J3 of the closest monitor and take off Jumper J1 and J3 of other monitors. See the diagram.

10

▶ **Installation instruction**

⚠ **Notice**

1. The installation place should be faraway from TV, video record player, PC etc. Electronic units with high intensity EMC.
2. Do not drop, knock or shake the unit.
3. Shut down the power for the unit while installing.
4. The wiring cable installation should keep 30 cm away from the high voltage cable as minimum distance, reducing the disturb from high voltage.
5. Before take power for the unit, recheck the wiring diagram and make sure done right connection.
6. Meet with unnormal phenomenon when the unit is working, cut down the power first and then do eliminate of defects.
7. Eliminate of defects after shut down the power, do check step by step from one unit to another unit, or do cross-test that means take substitute(a new one). After done above processings, if still has unknown defect, contact with our company for after service. Nonexpertive handing may damage the unit.

Installation processes
1. Position the location when the unit is to be mounted. Use the bracket to mark the accurately location point.
2. Use the screw anchors to fill the drilling hole, and screwing fasten the bracket to the wall.
3. According to the wiring diagram and do right connection.
4. Mounted the unit to the bracket.

11

Installing diagram

Hole
Plastic
Bracket
Screw
Back
Mounting bracket
Hamulus
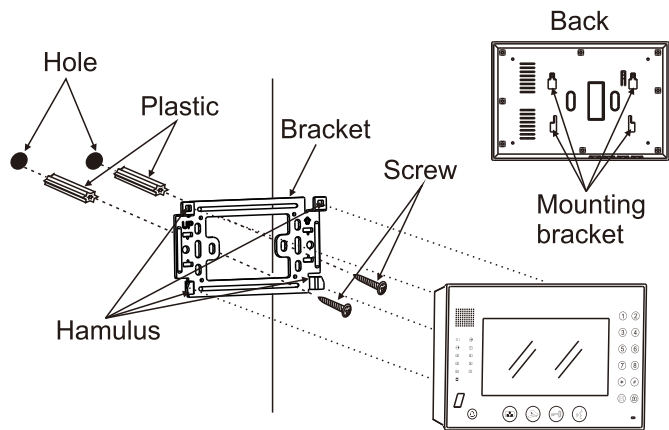
INSTRUCTION:

1. Cables of requirement:
   Diameter$\geq$0.5mm^2, from outdoor station to the
   farthest monitor distance$\leq$70m.
2. Each monitor should be parallel connected. One
   monitor can be extended 3 monitors as maximum
   extension. One monitor can be connected 2 outdoor
   stations as maximum.

12

CONFIGURATION DIAGRAM

▶ WITH TWO ENTRANCE
   Indoor monitor external power supply

4C

AC/DC adapter (included) AC
AC/DC adapter (included) AC
AC/DC adapter (included) AC
AC/DC adapter (included) AC

4C
4C
4C
4C
4C
4C
4C
4C

Power supply for lock
Power supply for lock

Outdoor station 1
Door lock
Outdoor station 2
Door lock

13
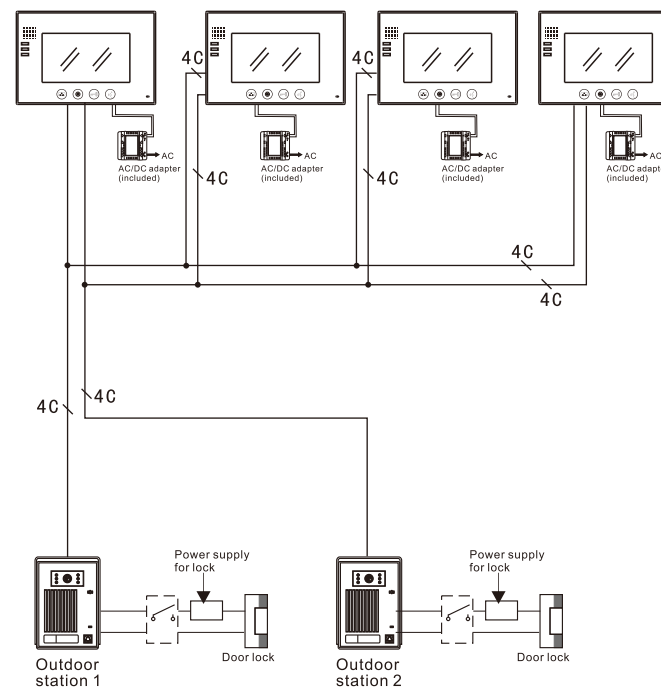
▶ Wiring connections

1. Red   2. Blue   3. Yellow   4. White
1-Audio   2-GND   3-Power+   4-Video

Indoor Monitor

1 RE
2 BL
3 YE
4 WH
CN2   CN1

1 RE
2 BL
3 YE
4 WH

Power supply
for lock

1   2   3   4

4 3 2 1

**Outdoor
Station-2**

Door lock
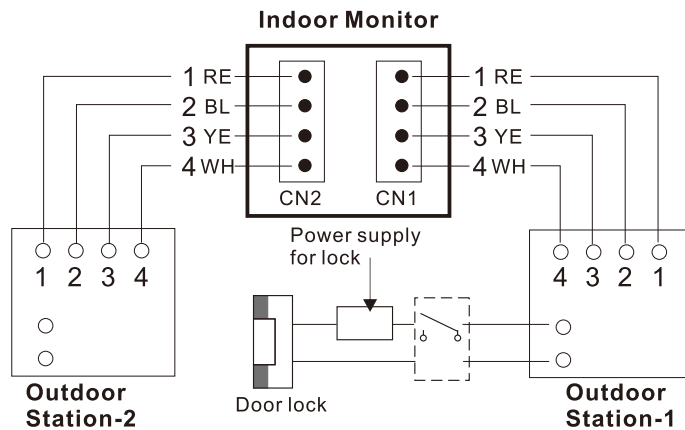
**Outdoor
Station-1**

▶ Visitor calling

Visitor press the call button of outdoor station, all indoor monitor showing the indicator of the outdoor station position and ringing, and visitor image on the indoor monitor display panel. Press the button ⊗ of any indoor monitor, start talking, same time, other indoor monitor can press the button ⊗ achieve to third-party call, repress the button ⊗ of any indoor monitor close the talking and all display of all indoor monitor closed. Max talking time lasts 2 minutes, no answer, calling last 1 minutes. One-one talking mode, means one indoor monitor talk to one outdoor station, other indoor monitors will just show the visitor, at same time, press the call button from other outdoor station, one-one talking will cut, and the latest called outdoor station start talking to the indoor monitor. Corresponding indicator flashing in case outdoor station calling.

▶ Unlocking

Calling from outdoor station to indoor monitor,   the indoor monitor will be ringing and talking indicator LED on, the visitor's image will be displayed on the screen. Press the button ⊖ for unlocking the door.

In monitoring mode, press the button ⊖ for unlocking the door.

▶ Monitoring

     In standby mode, press the button ⊛ , meanwhile Door 1 indicator of indoor monitor flashing and showing the scenery of Door 1 outdoor station's camera. Press the button ⊛ again, will show scenery of Door 2 outdoor station's camera. Press the button ⊛ third time, close monitoring. Without the third press, monitoring will be closed in 1 minutes automatically.

     In monitoring mode, press the button ⊛ on indoor monitor can start audio monitoring. Monitoring mode last 1 minutes and each indoor monitor independently of each other.

▶ Indoor monitor call transferring

     In case press the call button on outdoor station, all indoor monitor ring, can be pressed any indoor monitor button ⊛ for talking, also can be pressed the button forward the calling for other indoor monitor, the indoor monitor you pressed the button ◉ close the talking and standby.

Notes:
   1. In this system, in case be connected multi-indoor monitors, just the farthest indoor monitor jumper J2 need put ON, others' keep default setting.
   2. Put on jumper J1 the outdoor station has ringing tone, or else, has no voice.
   3. Put on jumper J3 means the outdoor station nightlight on, or else, nightlighting function closed.

Picture memory function

For the model with 100 pictures stored

Auto capture

When the outdoor station calls the indoor monitor, one picture will be captured in the 3rd second. It only captures one picture automatically (Do not support automatic continuity capture).

☺ **NOTICE**

Maximum storage: 100 pictures. After the number reaches 100, the oldest picture will be deleted automatically as long as a new picture is captured.

If there are new pictures without read, picture indicator is on. After the pictures are read, the picture indicator will be off.

Check picture

Press ⬆ and ⬇ directly to enter the picture review window. Then press ⬆ and ⬇ to choose the pictures up and down. Press ☜ to exit. The indoor monitor will automatically return to the standby state in 10 seconds.

Delete picture

In the standby mode, press ⊞ as Picture 1. Press ⊞ to choose. Choose delete all as Picture 2. Press ⬆ or ⬇ to delete all stored pictures.

✳	Brightness		050
◑	Contrast		050
🎨	Chroma		050
👤	Language	<English>	
📅	Date	2012-01-01	
🕐	Time	12:30:30	
🗑	Delete All		
⏏	Exit		

Picture 1

✳	Brightness		050
◑	Contrast		050
🎨	Chroma		050
👤	Language	<English>	
📅	Date	2012-01-01	
🕐	Time	12:30:30	
🗑	Delete All		
⏏	Exit		
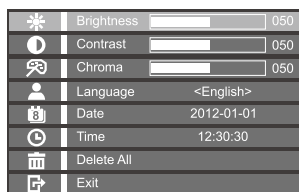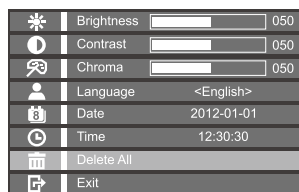
Picture 2

Brightness adjustment

In the standby mode, press ⊞ as Picture 1. Then press ⬆ or ⬇ to adjust the brightness. Range of brightness: 0-100. After the setting, press ⏻ to exit.

Contrast adjustment

In the standby mode, press ⊞ as Picture 1. Then press ⊞ to choose Contrast, press ⬆ or ⬇ to adjust the contrast. Range of contrast: 0-100. After the setting, press ⏻ to exit.

Chroma adjustment

In the standby mode, press ⊞ as Picture 1. Then press ⊞ to choose Chroma. Press ⬆ or ⬇ to adjust the Chroma. Range of colour: 0-100. After the setting, press ⏻ to exit.

Language setting

In the standby mode, press ⊞ as Picture 1. Then press ⊞ to choose Language. Press ⬆ or ⬇ to adjust the language. After the setting, press ⏻ to exit.

Date setting

In the standby mode, press ⊞ as picture 1. Then press ⊞ to choose Date (Date displays: year-month-date). Press ⬆ or ⬇ to adjust the year. After year is adjusted, press ⊞ to switch to month. After month is adjusted, press ⊞ to switch to date. After the setting, press ⏻ to exit.
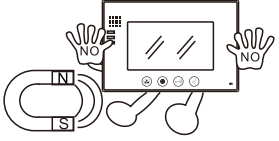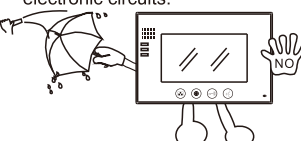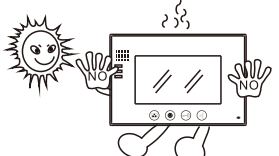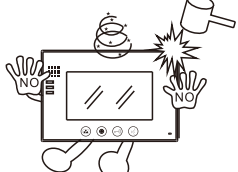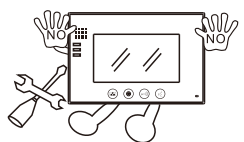
Time setting

In the standby mode, press ⊞ as picture 1. Then press ⊞ to choose Time (Time displays: hour : minute : second). Press ⬆ or ⬇ to adjust the hour. After hour is adjusted, press ⊞ to switch to minute. Press ⬆ or ⬇ to adjust the minute. After minute is adjusted, press ⊞ to switch to second. Press ⬆ or ⬇ to adjust the second. After the setting, press ⏻ to exit.

Exit the setting mode

In the setting mode, press ⌗ , choose Exit, press ⬆ or ⬇ to exit. Or in the setting mode, press 👍 to exit directly. Or it will automatically exit without any operation in 10 seconds.

⚠ Notice

1. Do not put the unit near the magnetic area such as television, video recorder etc.	2. Keep the unit dry, humidity and all types of liquids or moisture contains mineral that will corrode electronic circuits.
3. Do not put the unit in hot areas. high temperatures can shorten the life of electronic device.	4. Do not drop, knock or shake the unit.
5. Do not attempt to open the unit. Nonexpert handing may damage the unit.	6. Do not use the wet dishcloth or the volatile cleansers to clean it.