•LCC•

Operation and Installation Guide

Multi-door video entry system
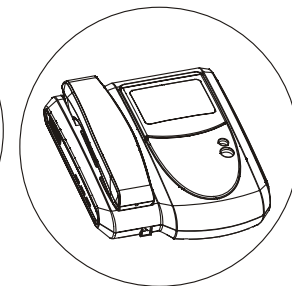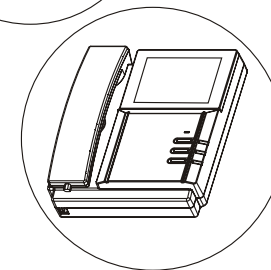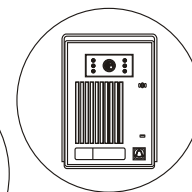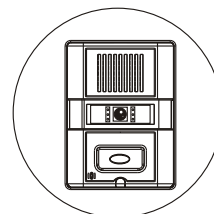
Luxurious in appearance

Unparalleled in technology

LCC SYSTEM CONFIGURATION DIAGRAM
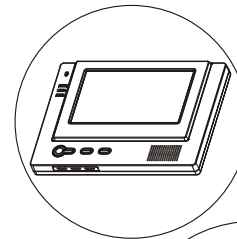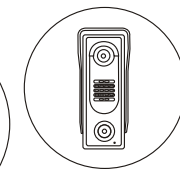
▶ **LCC SYSTEM WITH TWO ENTRANCE**
 Indoor monitor built-in power supply

4C

4C

4C

4C

4C

4C

4C

4C

4C

Power supply
for lock

Power supply
for lock

Door lock

Door lock

Outdoor
station 1
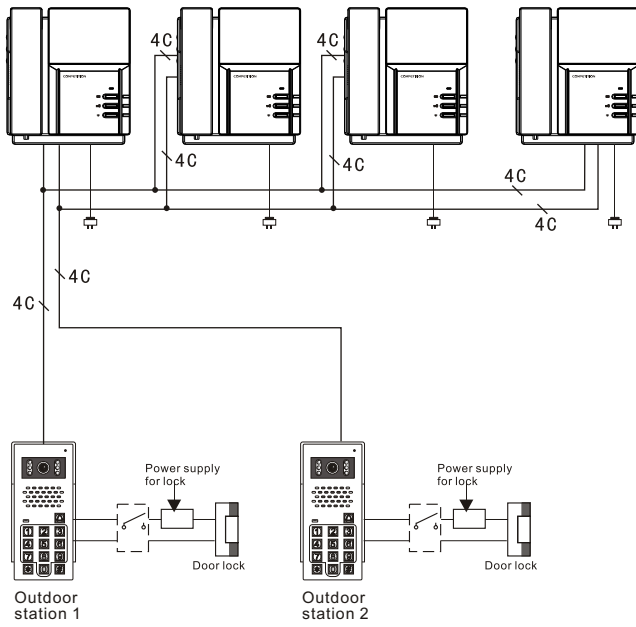
Outdoor
station 2

LCC SYSTEM CONFIGURATION DIAGRAM

▶ **LCC SYSTEM WITH TWO ENTRANCE**
 Indoor monitor external power supply

4C

4C

AC

AC/DC adapter
(included)

AC

AC/DC adapter
(included)

AC

AC/DC adapter
(included)

AC

AC/DC adapter
(included)

4C

4C

4C

4C

4C

4C

Power supply
for lock

Power supply
for lock

Door lock

Door lock

Outdoor
station 1
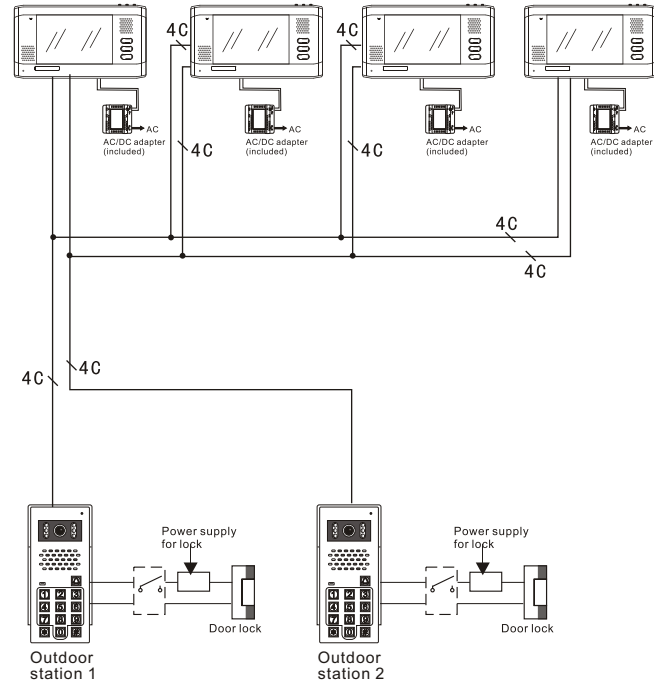
Outdoor
station 2

▶ LCC SYSTEM ALL OUTDOOR STATION

■ SAC5B-CK B/W ....
■ SAC5C-CK color ....

Dimension: 58x135x39mm

door lock Indoor monitor

5 5 4 3 2

1：red
2：blue
3：yellow
4：white
5：black
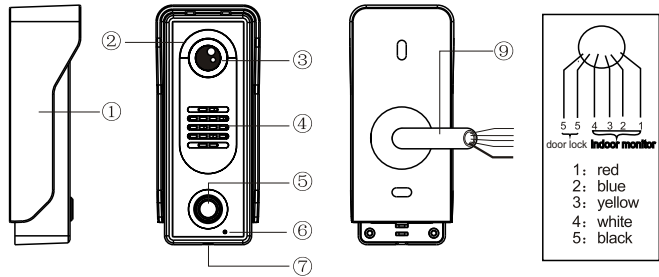
■ SAC35B-CK B/W ....
■ SAC35C-CK color ....

Dimension: 97x130x43mm

1	2	3	4	5	5	1：red

2：blue
3：yellow
4：white
5：black

indoor monitor   door lock
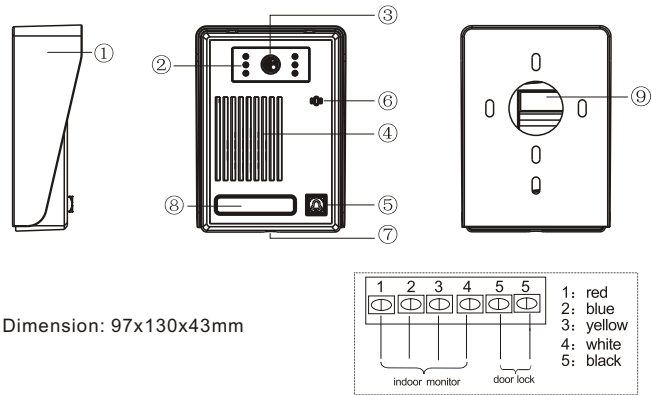
■ SAC800B-CK B/W ....
■ SAC800C-CK color ....

Dimension: 55x130x43mm

5 K1
5 K2

door lock

E1 4
E2 3
E3 2
E4 1

indoor monitor

1：red
2：blue
3：yellow
4：white
5：black
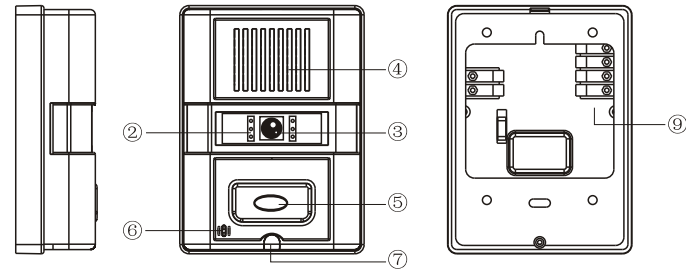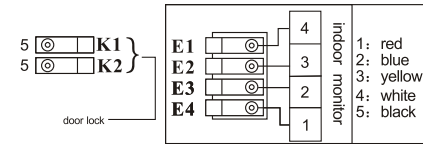
■ SAC25B-CK B/W ....
■ SAC25C-CK color ....

Dimension: 97x130x43mm

1	2	3	4	5	5	1：red

2：blue
3：yellow
4：white
5：black

indoor monitor   door lock
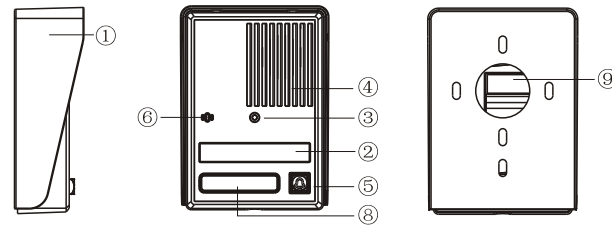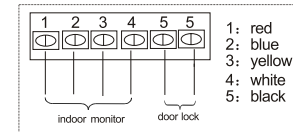
■ **SAC551B-CK B/W** ....
■ **SAC551C-CK color** ....
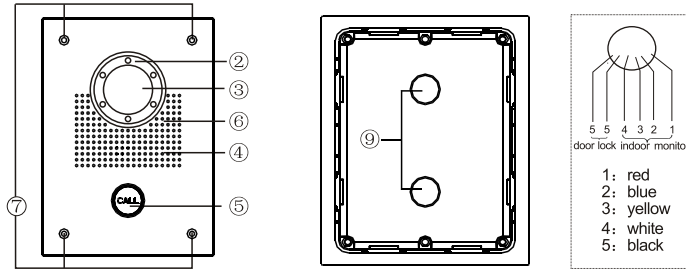
Dimension: 203x150x43mm

5 5 4 3 2 1
door lock indoor monitor

1：red
2：blue
3：yellow
4：white
5：black

■ **SAC561B-CK B/W** ....
■ **SAC561C-CK color** ....
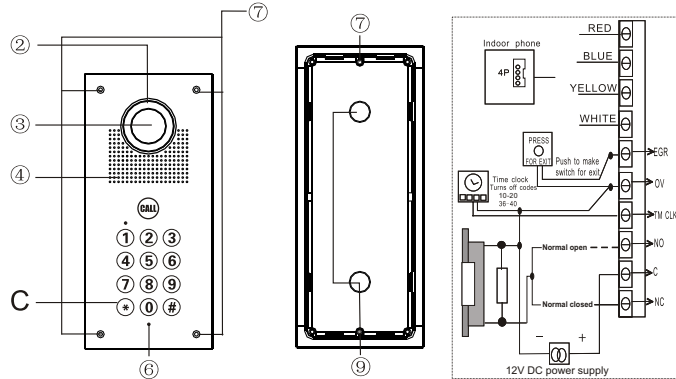
Dimension: 250x120x43mm

Time clock: Turn off codes group 10-20, 36-40
Functional explanation:
TMCLK is low level effective means in low level status lock the users' passwords from 10-20, 36-40, only passwords located on position 01-09, 21-35 still can work. In the high level status, all codes groups can work.

■ **SAC50B-CK B/W** ....
■ **SAC50C-CK color** ....

Dimension: 78x185x60mm

Functional explanation:
EGR: Low level effective for trigger door open.
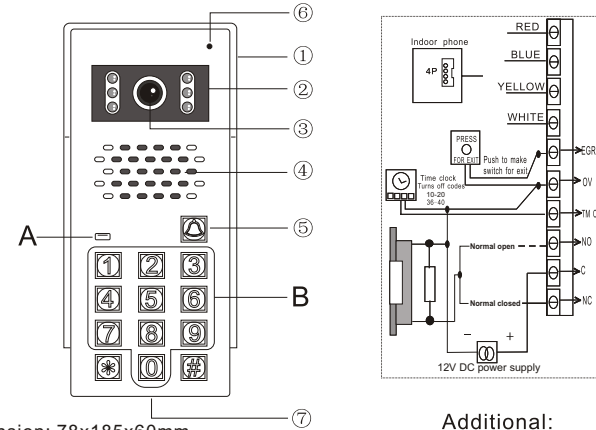
Additional:
A. LED indicator
B. Keypad access

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 monitor
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
Working electric current	≤200mA
Camera lens	1/3 CCD 72 degree ken
Illumination	0.05 LUX
Communication duration	120s
Communication method	Duplex communication type
Working temperature	-20～+55°C
IP rating	55

Specifications of 50/561 series code access
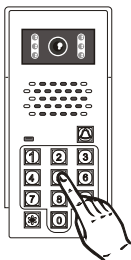
⚠ ATTENTION

1. The original factory defaulted programming password is 1234.
2. Input a 4 digits password to have the door striked or the lock unlocked.

Change the master code

1. Shut down the power of the unit and keep pressing the button ✳ .
2. Switch on the power pressing the button ✳ down, the unit will then give a long continuous tone.
3. When the tone stoped, another sounds will be heard and input your new 4 digits programmers codes.

Entering programming mode

1. Press the button ✳ plus your 4 digits master codes
2. Your are successfully enter the programming mode when three sounds is heard and the LED is flashing.
3. Press the button ✳ to quit.

Set the unlocking time

Factory default setting is 5 seconds.
1. Enter programming mode.
2. Enter 00 (this is a special code group), two "Di Di" sounds as reminder.
3. Enter a desired lock/delay operation time in a two digits fomat (01 to 99 seconds).
4. Press the button ✳ to quit.

Add user codes

1. Enter programming mode.
2. It is available for 40 groups code. 01 to 40 is the group number, which should be input in front of the 4 digits codes from 31 to 40 group codes, input once 4 digits codes to open the door for a long time until twice the same code to have it closed.
3. Input 4 digits codes, a two sounds is heard, it is unsuccessful and indicating the code is existent at somewhere, if a three sounds is heard, it is successfully set.
4. Press the button ✳ to quit.

Delete user codes

1. Enter programming mode.
2. Enter one of the codes groups from 01 to 40.
3. Press the button # to delete the codes of which position you just input, eg. input 01, means delete the codes on the position 01.
4. It is successfully deleted when a three "Di Di" sounds heard as reminder.
5. Press the button ✻ to quit.

Delete a codes directly

1. Enter programming mode.
2. Press the button # to hear a two "Di Di" sounds as reminder.
3. Input 4 digits codes that want to deleted.
4. It is successfully deleted after three sounds heard.
5. Press the button ✻ to quit.

Delete all settings

1. Enter programming mode.
2. Press the button # hear a two "Di Di" sounds as reminder.
3. One more press the button # two sounds as reminder.
4. Continuously press the button # 7 times to delete all settings. Unlocking time turns to one second. The admin codes as same as before. After five sounds, all settings back to default.
5. Press the button ✻ to quit.

▶ LCC SYSTEM ALL INDOOR MONITORS

◀ VIDEO DOORPHONE

■ Handset monitor:

MT210B-CK2U	MT210C-7CK2U	MT200B/C-CK2
MT210B-CK2	MT210C-7CK2	

■ Hand-free monitor:

MT320C-CK2	MT333C-CK2	MT18B/C-CK2
MT37XC-CK2U	MT37XC-CK2	MT181B/C-CK2
MT350C-CK2	MT360C-CK2	MT360T-CK2
MT361C-CK2	MT361T-CK2	MT300C-CK2
MT8T-CK2		

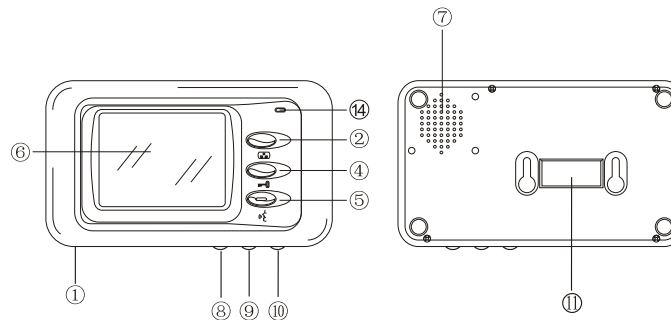| NO.	Icon	Description	NO.	Icon	Description
①		Microphone	⑧	🔊	Talking volume
②	📷	Monitor	⑨	☼	Brightness
③			⑩	◔	Chroma/contrast
④	⚿	Door lock releasing	⑪		System terminal
⑤	☎	Talking	⑫	◉	Calling
⑥		TFT display/CRT	⑬		Receiver
⑦		Speaker	⑭		Indicated light

CAUTION：

1. When connect more than one indoor monitor please short circuit J2 of the far the most monitor and open J2 of the other monitors.
2. When connect more than one indoor monitor please short circuit J1 and J3 of the closest monitor and open J1 and J3 of other monitors.
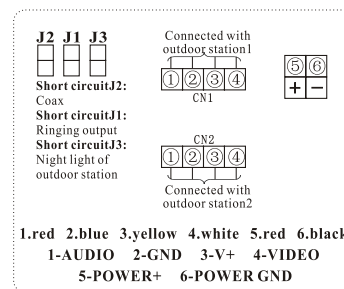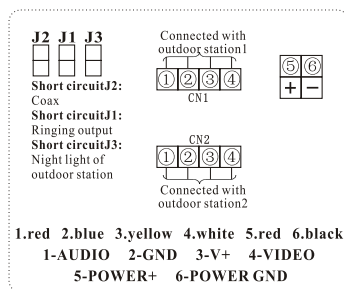
■ Hand-free monitor: MT350C-CK2

Dimension: 220x110x25mm

J2 J1 J3

Short circuitJ2:
Coax
Short circuitJ1:
Ringing output
Short circuitJ3:
Night light of
outdoor station

Connected with
outdoor station1

① ② ③ ④
CN1

⑤ ⑥
＋ －

CN2
① ② ③ ④

Connected with
outdoor station2

1.red 2.blue 3.yellow 4.white 5.red 6.black
1-AUDIO   2-GND   3-V+   4-VIDEO
5-POWER+   6-POWER GND
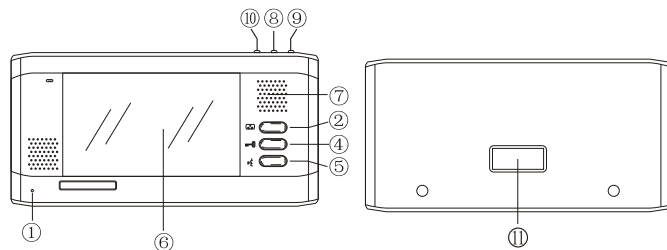
■ Hand-free monitor: MT300C-CK2

Dimension: 190x113x43mm

J2 J1 J3

Short circuitJ2:
Coax
Short circuitJ1:
Ringing output
Short circuitJ3:
Night light of
outdoor station

Connected with
outdoor station1

① ② ③ ④
CN1

⑤ ⑥
＋ －

CN2
① ② ③ ④

Connected with
outdoor station2

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

■ Hand-free monitor: MT360T-CK2   MT361T-CK2

⑦

⑧

⑨

⑩

①

Calling indicated light for one door entrance

Unlocking button & calling indicated light for two door entrance
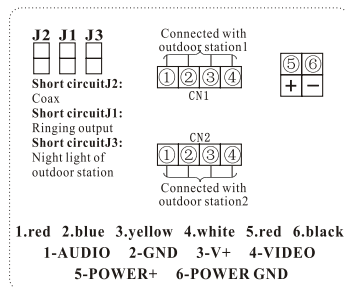
Talking button & calling and power supply indicated light

Dimension: 160x120x42mm
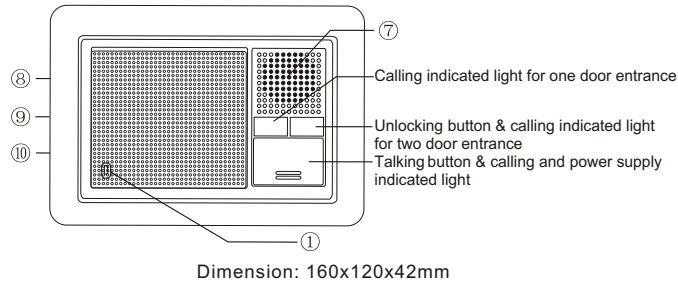
■ Hand-free monitor: MT360C-CK2   MT361C-CK2

⑥

⑦

⑧

⑨

⑩

①

Monitoring button & calling and monitoring indicated light for one door entrance

Unlocking button & calling and monitoring indicated light for two door entrance

Talking button & calling and power supply indicated light

Dimension: 160x120x42mm

J2 J1 J3

Short circuitJ2:
Coax
Short circuitJ1:
Ringing output
Short circuitJ3:
Night light of outdoor station

Connected with outdoor station1

① ② ③ ④
CN1

⑤ ⑥
+ −

① ② ③ ④
CN2

Connected with outdoor station2

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

■ Hand-free monitor: MT370C-CK2U   MT370C-CK2

⑧ ⑨ ⑩

①

②

⑫ ④ ⑤ ⑥ ⑦

⑪

Dimension: 240x175x38mm

J3
J1
J2

Short circuitJ3:
Night light of outdoor station
Short circuitJ1:
Ringing output
Short circuitJ2:
Coax

⑥ ⑤
− +

Connected with outdoor station2

④ ③ ② ①
CN2

CN1
④ ③ ② ①

Connected with outdoor station1

1.red 2.blue 3.yellow 4.white 5.red 6.black
1-AUDIO   2-GND   3-V+   4-VIDEO
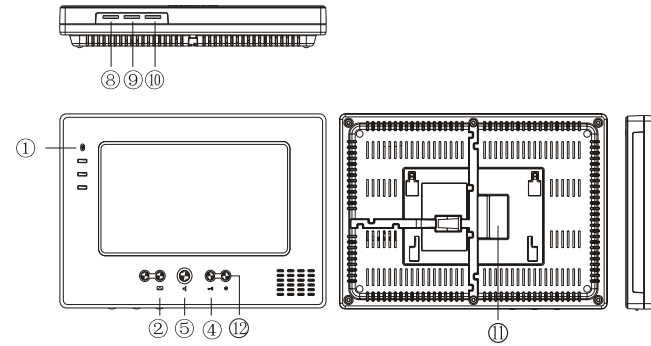**5-POWER+   6-POWER GND**
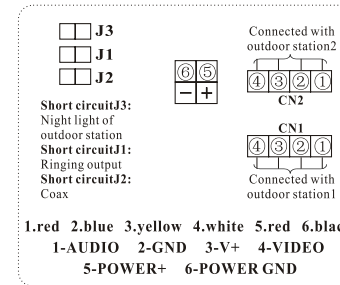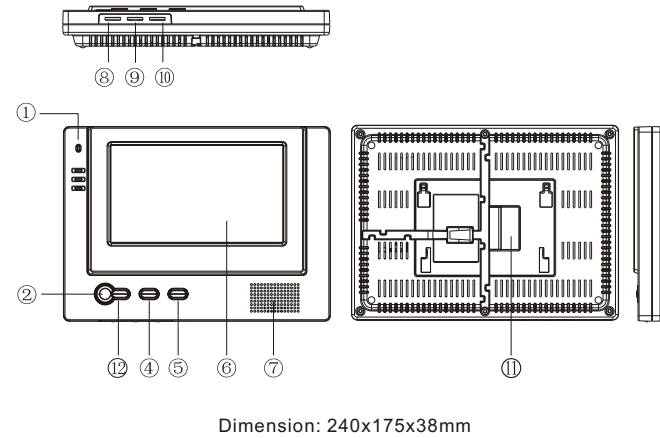
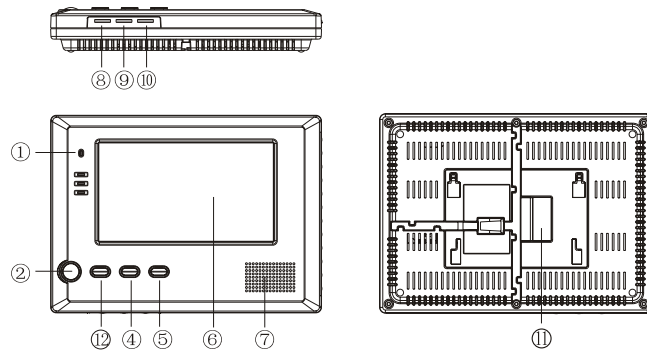■ **Hand-free monitor: MT371C-CK2U   MT371C-CK2**
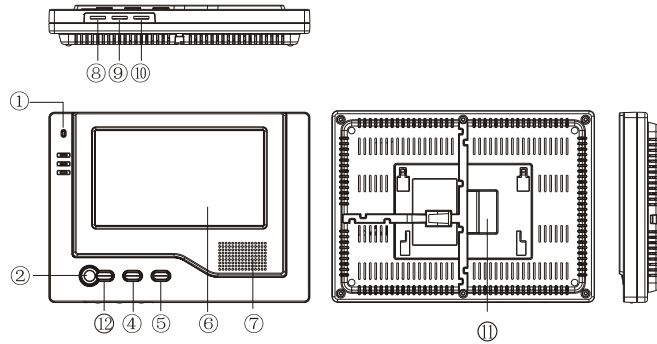
Dimension: 240x175x38mm

■ **Hand-free monitor: MT373C-CK2U   MT373C-CK2**

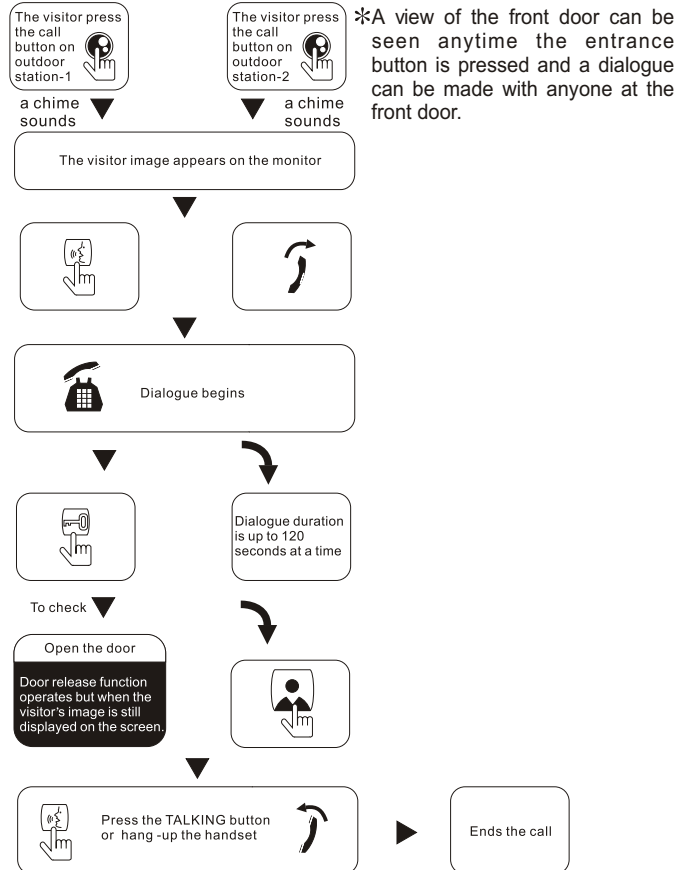Dimension: 240x175x38mm

■ **Hand-free monitor: MT372C-CK2U   MT372C-CK2**

Dimension: 240x175x38mm

J3
J1
J2

Short circuitJ3:
Night light of
outdoor station
Short circuitJ1:
Ringing output
Short circuitJ2:
Coax

Connected with
outdoor station2

④ ③ ② ①
CN2

CN1
④ ③ ② ①

Connected with
outdoor station1

⑥ ⑤
— +

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

OPERATION

▶ Visitor call

The visitor press the call button on outdoor station-1	The visitor press the call button on outdoor station-2
a chime sounds	a chime sounds

※ A view of the front door can be seen anytime the entrance button is pressed and a dialogue can be made with anyone at the front door.

The visitor image appears on the monitor

Dialogue begins

	Dialogue duration is up to 120 seconds at a time

To check ▼

Open the door

Door release function operates but when the visitor's image is still displayed on the screen.

Press the TALKING button or hang -up the handset

▶ Ends the call

-25-

▶ MONITOR

Press the MONITOR button

※ This function is to see the image of entrance.

Press once	Press twice
Outdoor station1 view The LED③ is lighting in blue color	**Outdoor station2 view** The LED④ is lighting in blue color

End the monitor

▶ Indoor monitor call transferring

■ Call from indoor monitor

After talking, press ◉	Other indoor monitors ring. ▶ Press ✆ to end call.	Press ✆ or pick up the handset, any indoor monitor can talk with outdoor station.

-26-
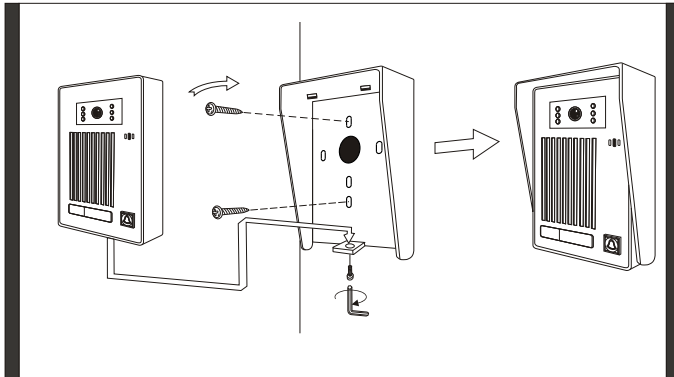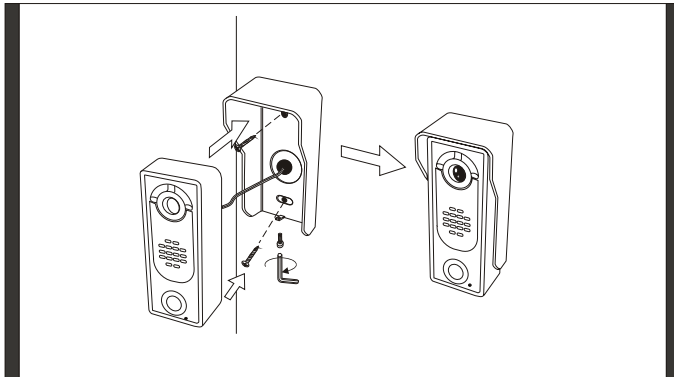
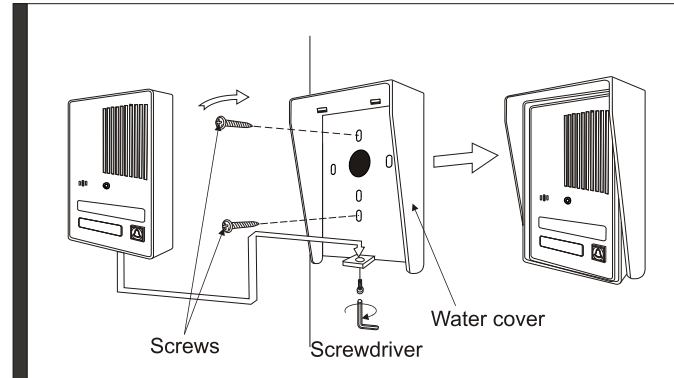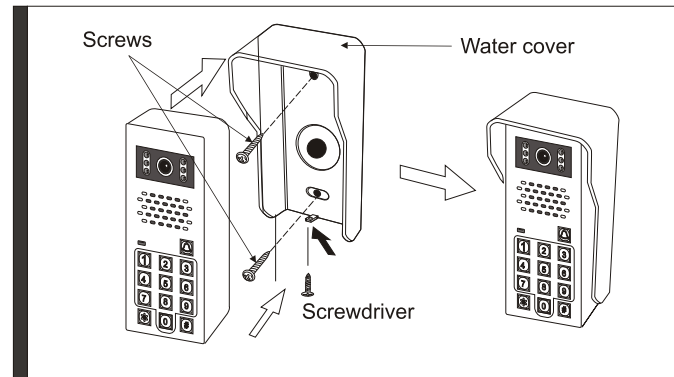▶ **LCC SYSTEM ALL OUTDOOR STATION INSTALLATION**

INSTALLATION PROCESS

■ SAC35 INSTALLATION DIAGRAMMATIC SKETCH
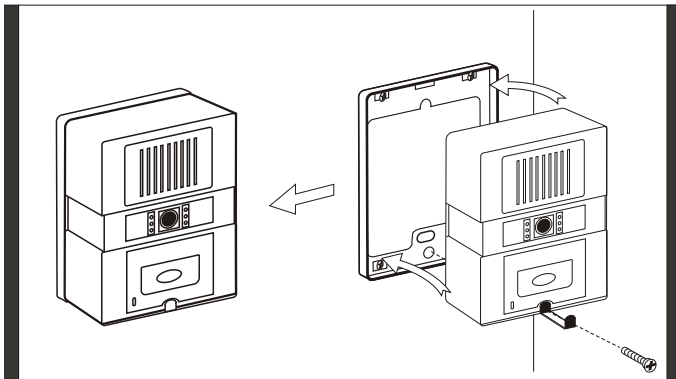
■ SAC5 INSTALLATION DIAGRAMMATIC SKETCH
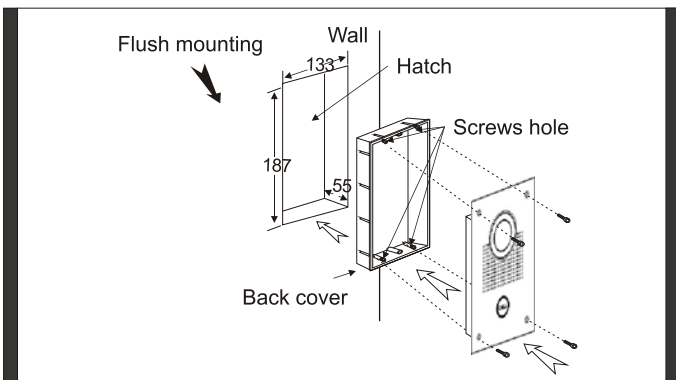
■ SAC25 INSTALLATION DIAGRAMMATIC SKETCH

Water cover

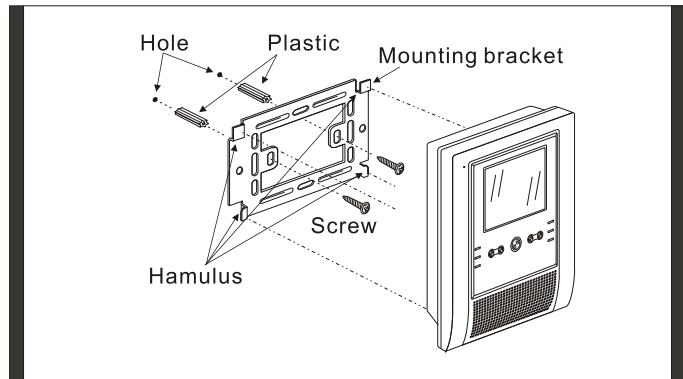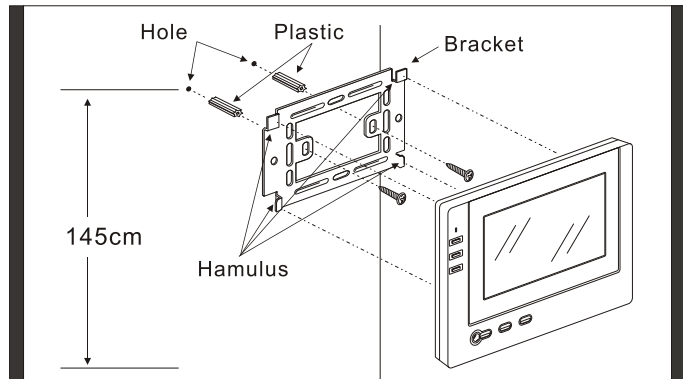Screws   Screwdriver

■ SAC50 INSTALLATION DIAGRAMMATIC SKETCH

Screws   Water cover

Screwdriver

■ SAC800 INSTALLATION DIAGRAMMATIC SKETCH

■ SAC551 INSTALLATION DIAGRAMMATIC SKETCH

Flush mounting
Wall
133
Hatch
187
55
Screws hole
Back cover

▶ **LCC SYSTEM ALL INDOOR MONITOR INSTALLATION**

INSTALLATION PROCESS

■ MT18 INSTALLATION DIAGRAMMATIC SKETCH

Hole   Plastic   Mounting bracket
Screw
Hamulus

■ MT37 SERIES INSTALLATION DIAGRAMMATIC SKETCH
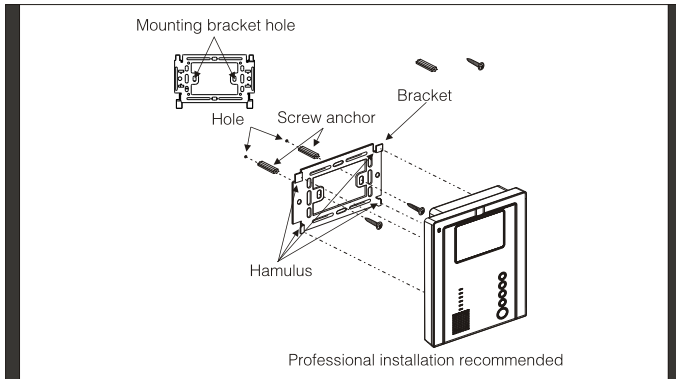
Hole   Plastic   Bracket
145cm
Hamulus

■ MT181 INSTALLATION DIAGRAMMATIC SKETCH

Mounting bracket hole

Bracket

Hole   Screw anchor

Hamulus

Professional installation recommended

■ MT210 INSTALLATION DIAGRAMMATIC SKETCH

Hole   Plastic   Bracket

Screws

145cm   Hamulus

■ MT300 INSTALLATION DIAGRAMMATIC SKETCH

Back side

60

Hole   Plastic

Hole   Screw

Plastic   Screw

The plastics and screws
could be founded in the
component package

■ MT200 INSTALLATION DIAGRAMMATIC SKETCH

Hole   Plastic

Bracket

Screws

Handset

Hamulus
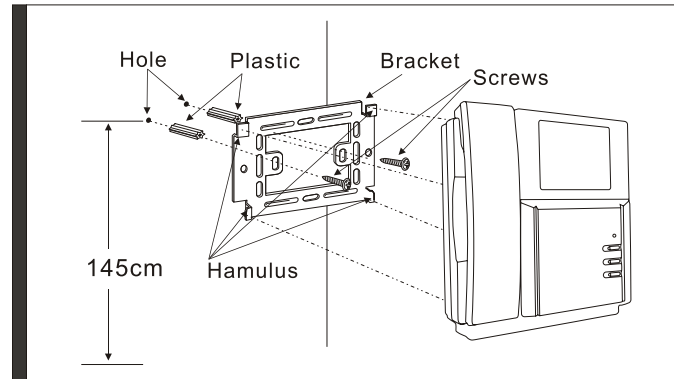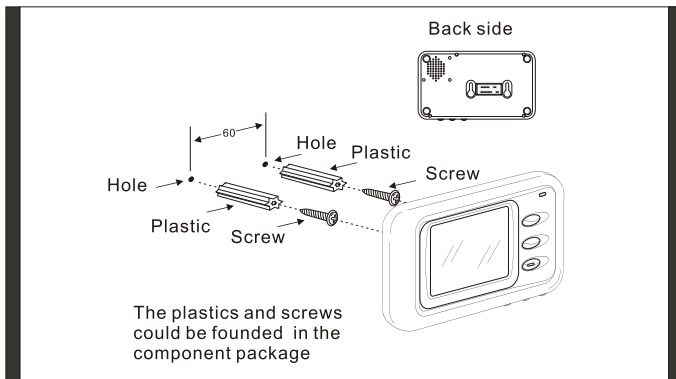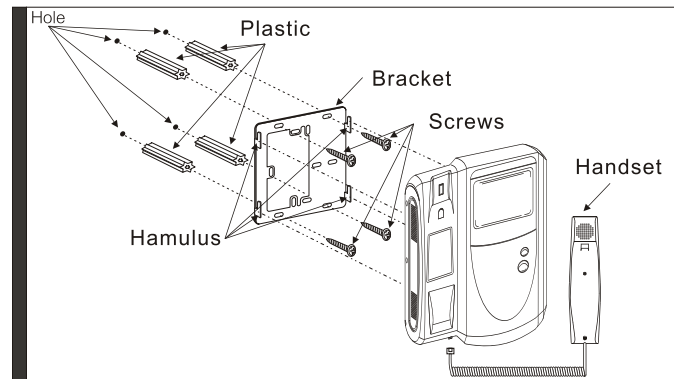
■ Mt333/361 INSTALLATION DIAGRAMMATIC SKETCH
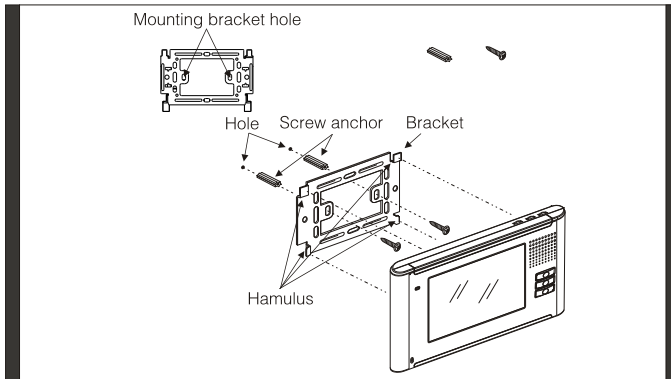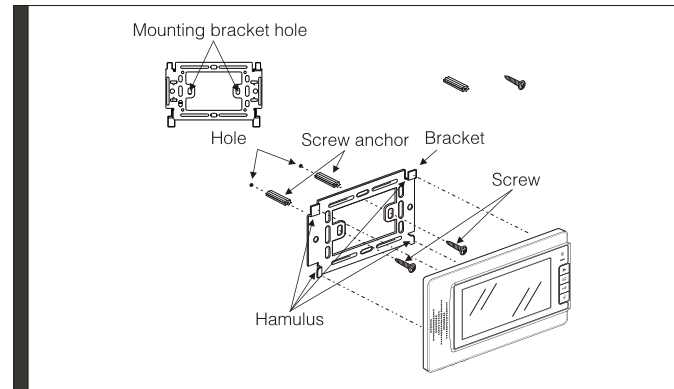
Mounting bracket hole

Hole   Screw anchor   Bracket

Hamulus

■ MT320 INSTALLATION DIAGRAMMATIC SKETCH

Mounting bracket hole

Hole   Screw anchor   Bracket

Screw

Hamulus

■ Mt360 INSTALLATION DIAGRAMMATIC SKETCH

Wall

152

Hatch   43

109

Screws hole

Screws hole

Back cover

Screws

Machinery

■ MT8T INSTALLATION DIAGRAMMATIC SKETCH

Hole

Screw   Screw

Screw anchor
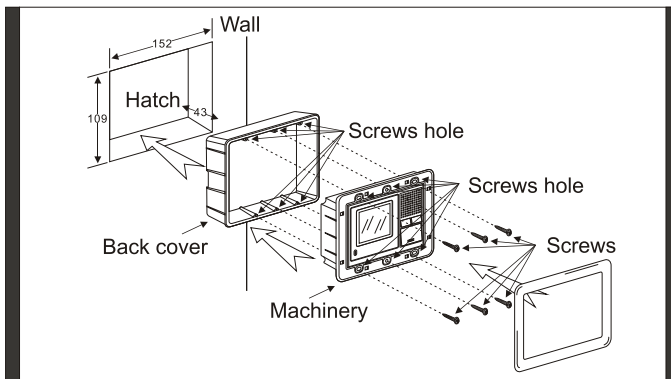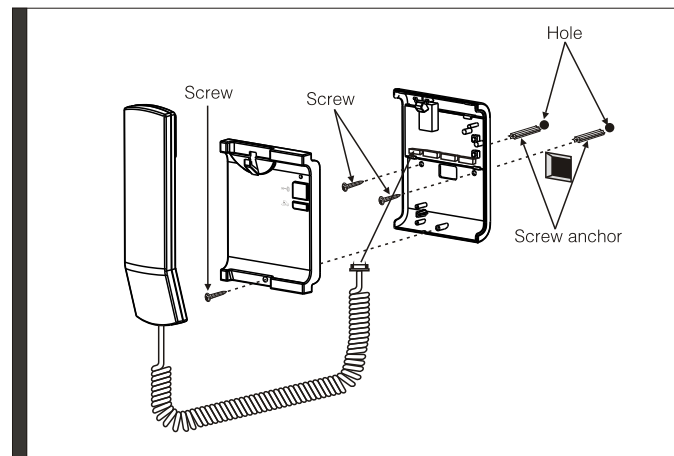
INSTRUCTION:

1. Cables of LCC system: ① Non-wired cable.   ② Diameter≥0.5 mm², from outdoor station to the farthest monitor distance≤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.
3. Handset monitor only has 2 functional buttons. Hand-free monitor only has 2 functional buttons, not available for transferring-call function.
4. Built-in power supply video door phone can working with input AC votage directly. Non-built-in power supply needs plus a power supply the specification is DC 14.5V 1.3A.

TECHNICAL PARAMETER

MODEL: SAC25B/C-CK SAC35B/C-CK	
Voltage: DC 14.5V	Temperature: -20～+55°C
Working current:100mA Stand by: 10mA	
Mode: dual transmission	Talking time: 2 minutes
Transmission distance≤28m, wire≥0.2mm² Transmission distance≤50m, wire≥0.3mm² Transmission distance≤70m, wire≥0.5mm²	
Dimension: 90x130x43mm (involve waterproof)	

MODEL: SAC5B/C-CK SAC551B/C-CK	
Voltage: DC 14.5V	Temperature: -20～+55°C
Working current:100mA Stand by: 10mA	
Mode: dual transmission	Talking time: 2 minutes
Transmission distance≤28m, wire≥0.2mm² Transmission distance≤50m, wire≥0.3mm² Transmission distance≤70m, wire≥0.5mm²	

MODEL: SAC50B/C-CK SAC561B/C-CK	
Voltage: DC 14.5V	Temperature: -20～+55°C
Working current:100mA Stand by: 10mA	
Mode: dual transmission	Talking time: 2 minutes
Transmission distance≤28m, wire≥0.2mm² Transmission distance≤50m, wire≥0.3mm² Transmission distance≤70m, wire≥0.5mm²	

MODEL: SAC800B/C-CK	
Voltage: DC 14.5V	Temperature: -20～+55℃
Working current:100mA Stand by: 10mA	
Mode: dual transmission	Talking time: 2 minutes
Transmission distance≤28m, wire≥0.2mm^2 Transmission distance≤50m, wire≥0.3mm^2 Transmission distance≤70m, wire≥0.5mm^2	
Dimension: 140x105x45mm (involve waterproof)	

MODEL: MT37 series	
Voltage: AC 100V～240V/50(60)Hz	Temperature: -10～+55℃
Working current: 200mA Stand by: 20mA	
Mode: dual transmission	Talking time: 2 minutes
Dimension: 240x175x38mm	

MODEL: MT333C-CK2	
Voltage: DC 14.5V	Temperature: -10～+55℃
Working current: 600mA Stand by: 50mA	
Image display: 5.8"TFT	Dimension: 220x110x28mm
Mode: dual transmission	Talking time: 2 minutes

MODEL: MT360T-CK2 MT361T-CK2	
Voltage: DC 14.5V	Temperature: -10～+55℃
Working current: 300mA Stand by: 50mA	
Mode: dual transmission	Talking time: 2 minutes
Dimension: 160x120x42mm	

MODEL: MT360C-CK2 MT361C-CK2	
Voltage: DC 14.5V	Temperature: -10～+55℃
Working current: 500mA Stand by: 50mA	
Mode: dual transmission	Talking time: 2 minutes
Transmission distance≤28m, wire≥0.2mm^2 Transmission distance≤50m, wire≥0.3mm^2 Transmission distance≤70m, wire≥0.5mm^2	
Power supply: built-out power supply of PSU-SD5B-14V5 for each indoor monitor.	
Dimension: 160x120x42mm	

MODEL: MT18B/C-CK2 MT181B/C-CK2	
Voltage: DC 14.5V	Temperature: -10～+55℃
Working current: 600mA Stand by: 50mA	
Mode: dual transmission	Talking time: 2 minutes
Image display: 4"TFT	Dimension: 165x220x50mm

MODEL: MT350C-CK2	
Voltage: DC 14.5V	Temperature: -10～+55℃
Working current: 600mA Stand by: 50mA	
Mode: dual transmission	Talking time: 2 minutes
Image display: 5.8"TFT	Dimension: 220x110x25mm

MODEL: MT200 series	
Voltage: DC 14.5V	Temperature: -10～+55℃
Working current: 600mA Stand by: 50mA	
Mode: dual transmission	Talking time: 2 minutes
Dimension: 198x243x79mm	

MODEL: MT210 series	
Voltage: AC 100V~240V/50(60)Hz	Temperature: -10~+55℃
Working current: 200mA Stand by: 20mA	
Mode: dual transmission	Talking time: 2 minutes
Dimension: 205x220x50mm	

MODEL: MT320C-CK2	
Voltage: DC 14.5V	Temperature: -10~+55℃
Working current: 700mA Stand by: 50mA	
Mode: dual transmission	Talking time: 2 minutes
Transmission distance≤28m, wire≥0.2mm^2 Transmission distance≤50m, wire≥0.3mm^2 Transmission distance≤70m, wire≥0.5mm^2	
Power supply: built-out power supply of PSU-SD5B-14V5 for each indoor monitor.	
Dimension: 245x160x18mm	

MODEL: MT8T-CK2	
Voltage: DC 14.5V	Temperature: -10~+55℃
Working current: 250mA Stand by: 50mA	
Mode: dual transmission	Talking time: 2 minutes
Dimension: 198x95x45mm	