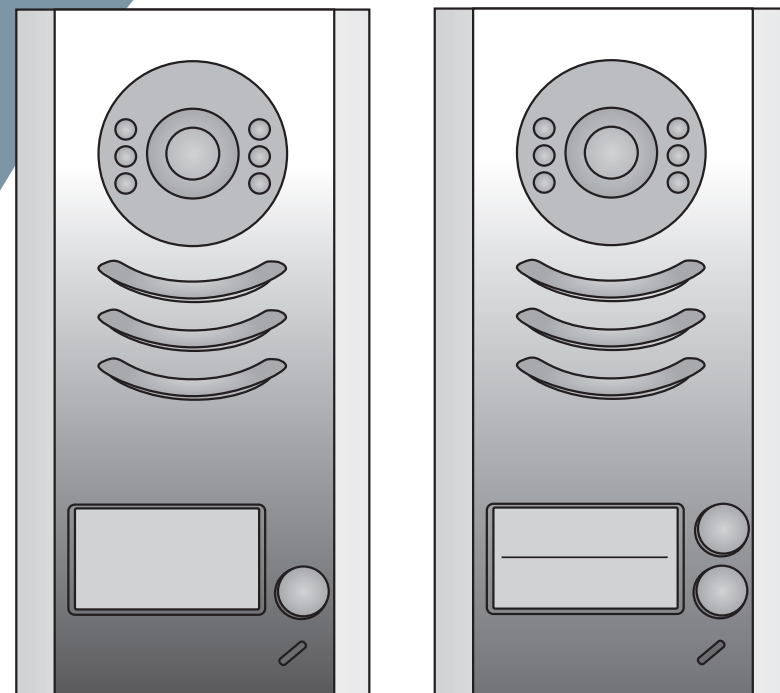


# USER MANUAL (English)

SMILE KIT MODEL



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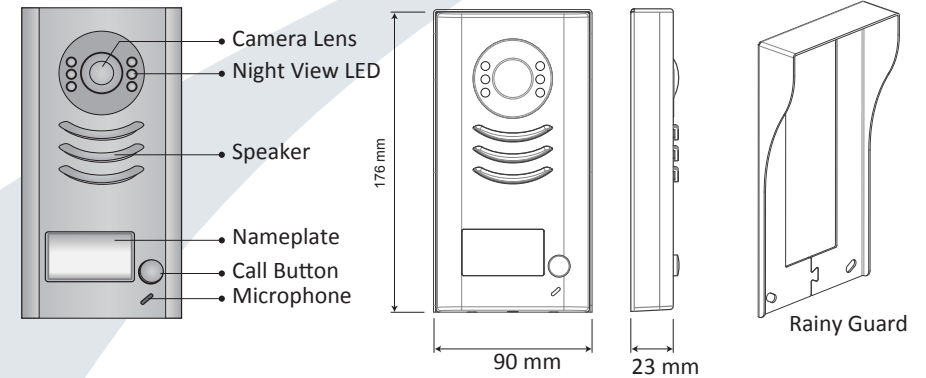
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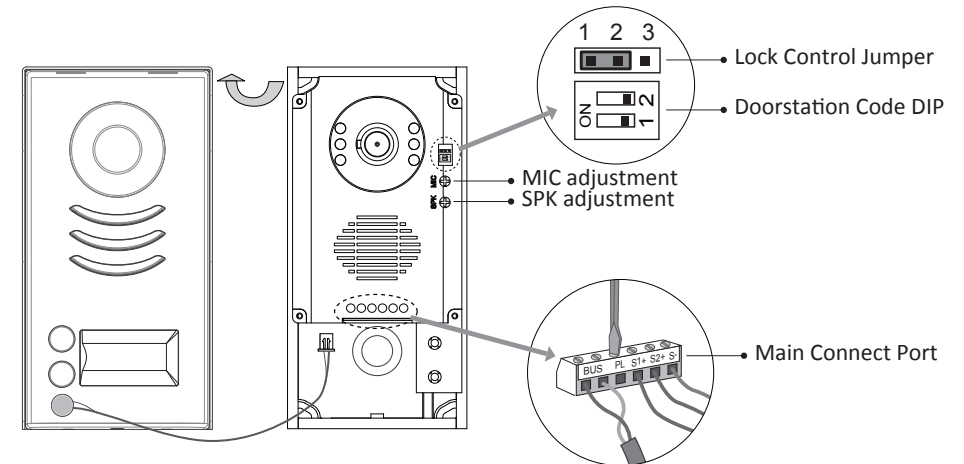
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## 1.Parts and Functions



Note: 13502 has two call buttons.

## 2.Terminal Descriptions



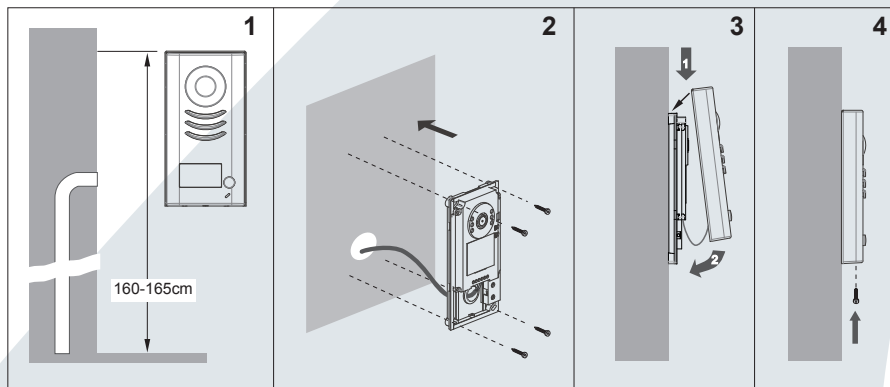
- Lock Control Jumper: To select the lock type: see 5.2.1 , 5.2.2
- Doorstation Code DIP: Total 4 doorstations can be supported, see 6.1
- Main Connect Port: To connect the bus line and the electronic locks.
- BUS: Connect to the bus line, no polarity.
- PL: External lock power input, connect to the power positive(power +).
- S1+, S2+: Lock power(+) output, to connect 2 locks.
- S-: Lock power(-) output, connect to the power(-) input of locks (only when using the camera to power the locks, if using the external power supply for the locks, the S- will not be connected).

### 3. Specification

|                      |                                |
|----------------------|--------------------------------|
| Lock Power supply:   | 12Vdc, 300mA(Internal Power)   |
| Power Consumption:   | 1W in standby, 12W in working  |
| NO, COM dry contact: | Max. 48V dc 1.5A               |
| Unlocking time:      | 1 to 9 seconds, set by Monitor |
| Working temperature: | -10°C ~ 45°C                   |

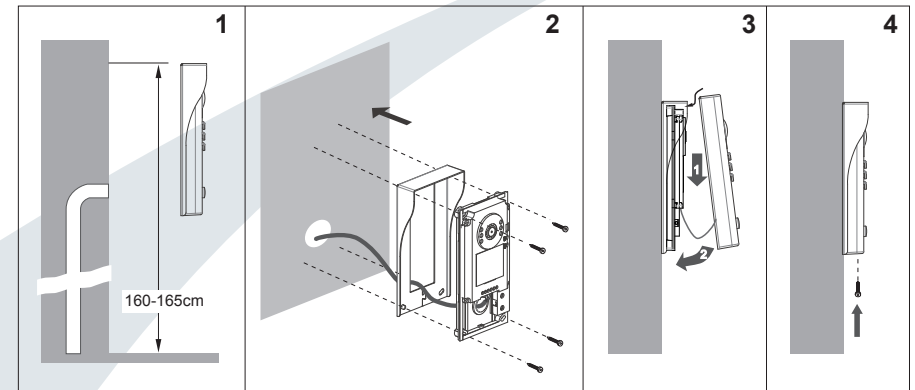
### 4. Mounting

#### 4.1 Mounting Without Rainy Guard



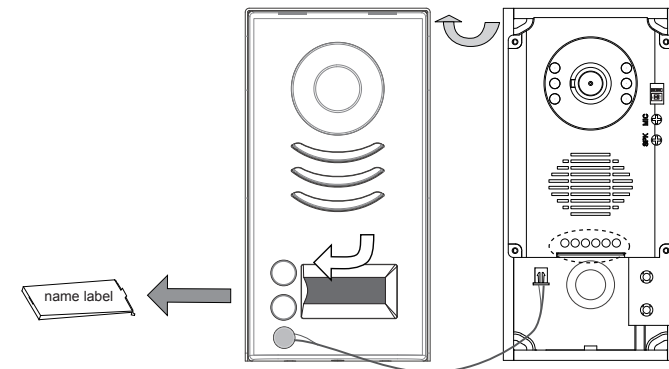
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#### 4.2 Mounting With Rainy Guard



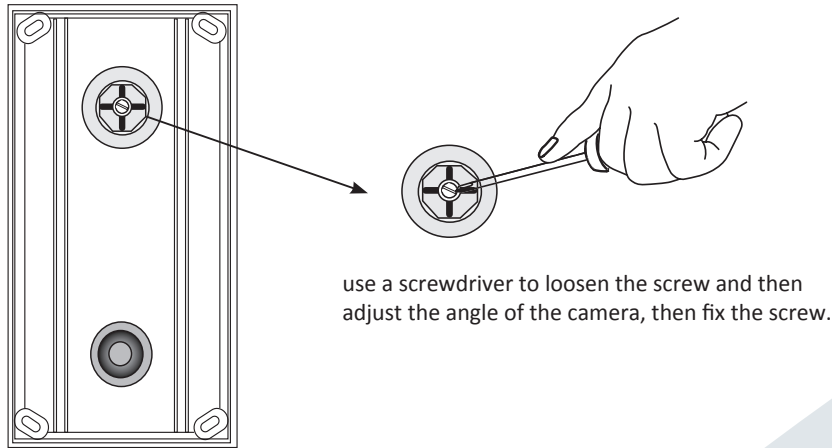
#### 4.3 Placing Name Label

Move the plastic cover away to open the transparent name label cover, insert a name paper, then put the plastic cover back on the panel.



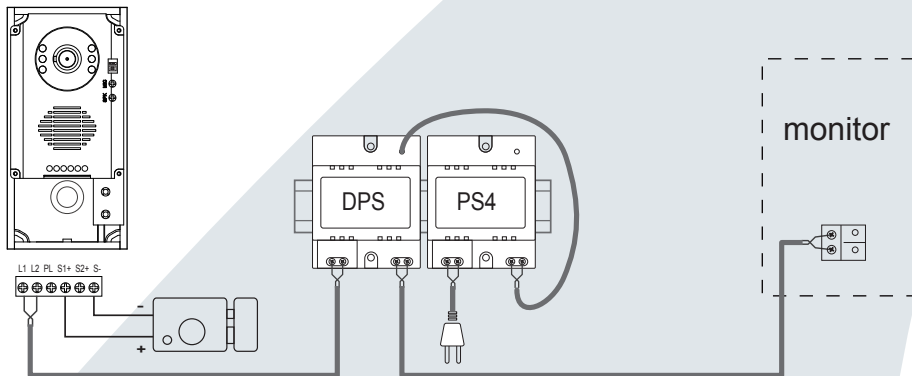
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## 4.4 Adjusting Camera Angle



## 5. System Wiring and Connections

### 5.1 Basic Connection



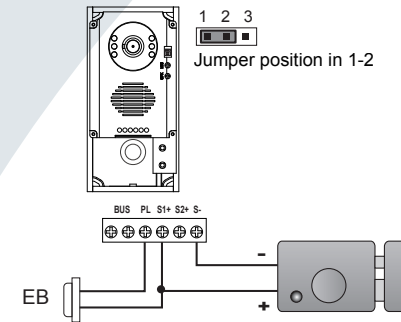
## 5.2 Electric Lock Connection

### 5.2.1 Door Lock Controlled with Internal Power

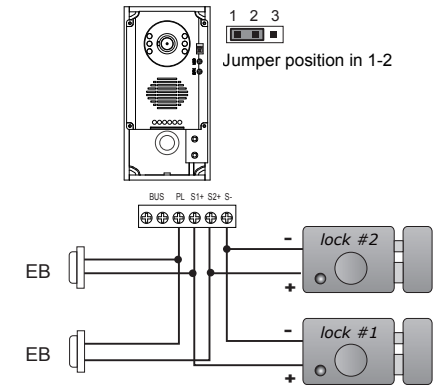
Note:

1. Only applicable to the power on to unlock type of electronic locks.
2. The door lock is limited to 12V, and holding current must be less than 250mA.
3. The door lock control is not timed from Exit Button (EB)
4. The Unlock Mode Parameter of Monitor must be set to 0 (by default)

connect one lock



connect two locks

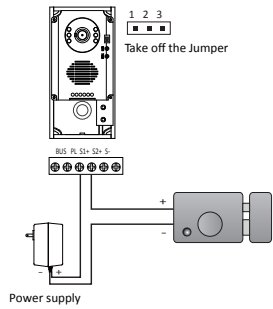


### 5.2.2 Door Lock Controlled by Dry Contact

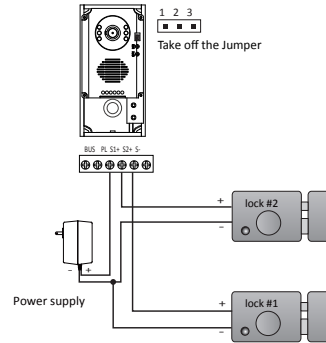
Note:

1. The external power supply must be used according to the lock
2. The inside relay contact is restricted to AC or DC 24V/3A
3. The jumper must be taken off before connecting
4. Setup the Unlock Mode of Monitor for different lock types
  - Power-on-to-unlock type: Unlock Mode=0 (by default)
  - Power-off-to-unlock type: Unlock Mode=1

### connect one lock



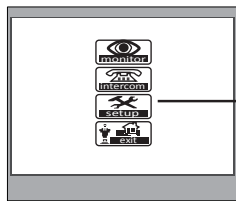
### connect two locks



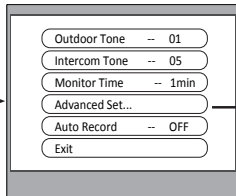
## 5.3 Multi Doorstations Connection



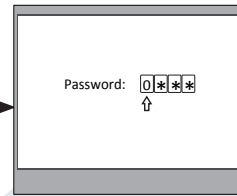
### 5.2.3 How to setup the unlock parameter in Monitor



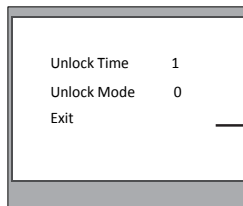
1. Press **MENU** button two times to enter the **MAIN MENU** page, then press setup.



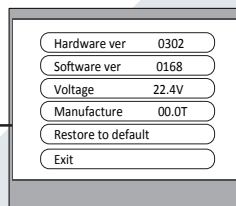
2. Select **Advanced Set...** and press **MENU** button to enter, password is required



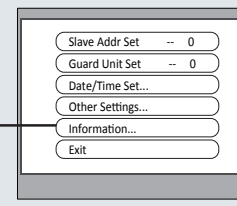
3. The default password is 2008 press **▲**/**▼** button to increase/decrease the value, Press **◀**/**▶** button to select the location, after finishing, press **MENU** button to enter next step.



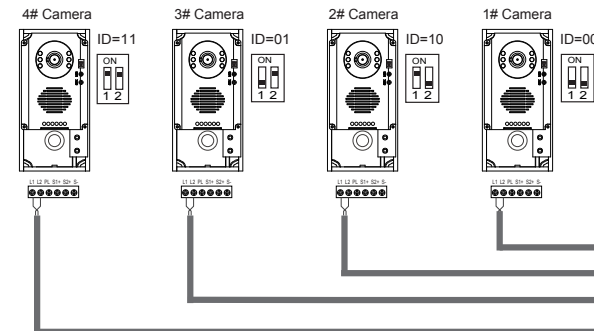
6. Use **▲** / **▼** to select the item, use **◀** / **▶** to change the value of the item. Select **Exit** press **MENU** button to save the settings automatically.



5. Press **UNLOCK** button and hold for 2s



4. Select **Information...** and press **MENU** button to enter next page.



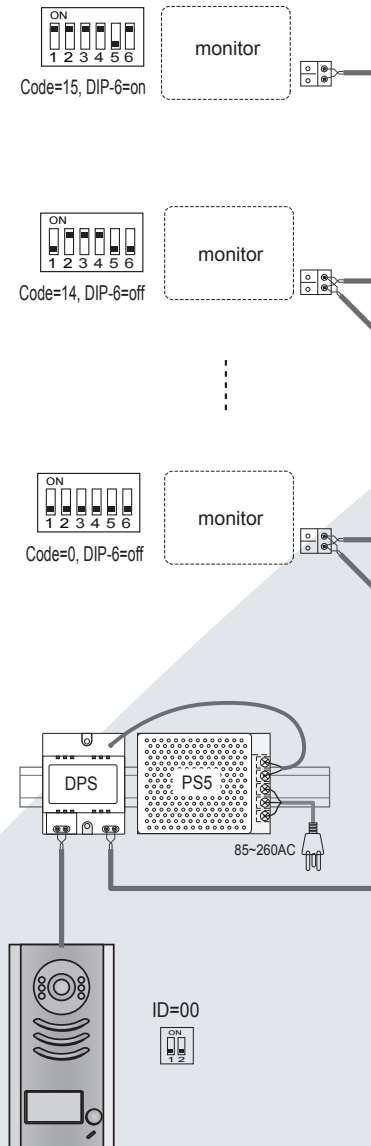
#### Note:

1. must connect DT591/592 correctly before setting
2. the parameter will be saved in DT591/592 automatically, so you need only set on one monitor

## 5.4 Multi Monitors Connection

### 5.4.1 Basic IN-OUT Wiring Mode

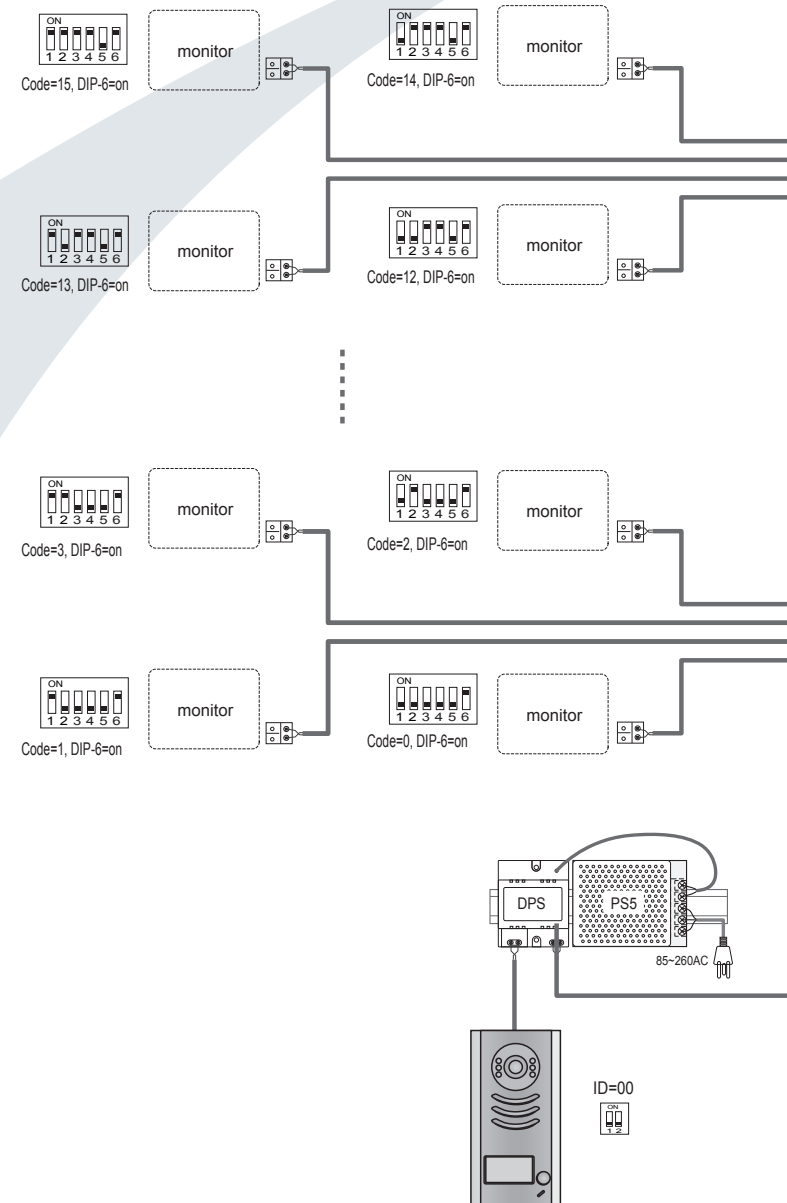
Attention: You must follow the dip switch settings in the table on page 11 .  
So, 1st monitor all switches down, 2nd monitor switch 1 up, 3rd monitor switch 2 up, etc.



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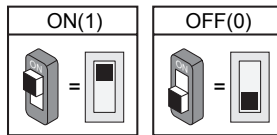
### 5.4.2 With DBC-4 Wiring Mode

Attention: You must follow the dip switch settings in the table on page 11 .  
So, 1st monitor all switches down, 2nd monitor switch 1 up, 3rd monitor switch 2 up, etc.



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## 6.Setup



### 6.1 DIP Switches Settings of Doorstation

Total 2 bits on the DIP switches can be configured. The switches can be modified either before or after installation.

| Bit state | Descriptions  |
|-----------|---|
|           | Default setting, ID = 0(00), set to the first Door Station. |
|           | ID = 1(10), set to the second Door Station.                 |
|           | ID = 2(01), set to the third Door Station.                  |
|           | ID = 3(11), set to the fourth Door Station.                 |

### 6.2 DIP Switches Settings of Monitor

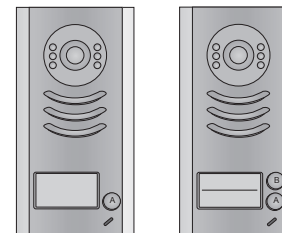
There are 6 bit switches in total. The DIP switches are used to configure the User Code for each Monitor.

Bit-6 is line terminal switch, which have to be set to ON if the Monitor is at the end of the vline(bus), otherwise set to OFF.

| Bit state | Setting                                   | Bit state | Setting                               |
|-----------|---|-----------|---------------------------------------|
|           | The monitor is not at the end of the bus. |           | The monitor is at the end of the bus. |

Bit-1 to Bit-5 are used to User Code setting. The value is from 0 to 31, which have 32 different codes .

| Bit state | User Code | Bit state | User Code | Bit state | User Code |
|-----------|-----------|-----------|-----------|-----------|-----------|
|           | Code=0    |           | Code=11   |           | Code=22   |
|           | Code=1    |           | Code=12   |           | Code=23   |
|           | Code=2    |           | Code=13   |           | Code=24   |
|           | Code=3    |           | Code=14   |           | Code=25   |
|           | Code=4    |           | Code=15   |           | Code=26   |
|           | Code=5    |           | Code=16   |           | Code=27   |
|           | Code=6    |           | Code=17   |           | Code=28   |
|           | Code=7    |           | Code=18   |           | Code=29   |
|           | Code=8    |           | Code=19   |           | Code=30   |
|           | Code=9    |           | Code=20   |           | Code=31   |
|           | Code=10   |           | Code=21   |           |           |



Note: Monitors response button A must set the user code from 0 to 15. and button B set the user code from 16 to 31.