1. Introductions

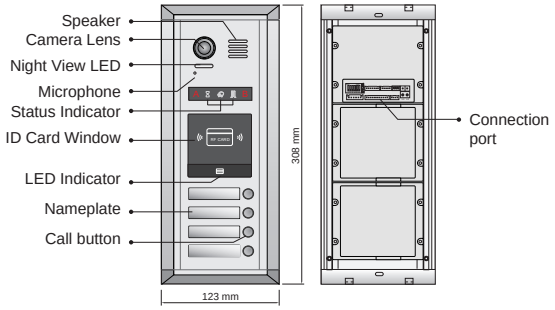
This manual is just a guide for quick installation. For more detail instructions, please refer to DT system technical guide.

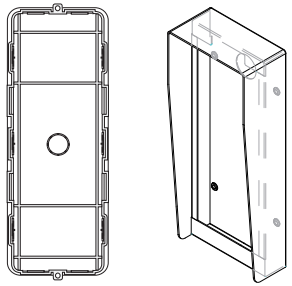
The door stations are used as speaking and operating units for the door communication system at the front door.Via the door station,a call is connected to the desired home station after a call button is pressed.

The DMR11S with the modular design has a high flexibility,for example,video entry module and card reader module can be assembled with call buttons outdoor station, the users can swipe cards to open the door. About the card configurations, please refer to DT system technical guide.

The keypad module can be assembled with call buttons outdoor station, and users can open the door with password,about the keypad configurations, please refer to DT system technical guide.

2. Parts and Functions



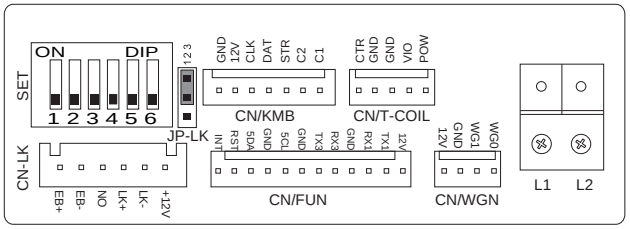


Mounting box for flush mounted

Rainy cover for surface mounted

Note:Key A and key B will not be seen on the panel,they are cryptic.About activating key A and key B, please refer to Part 7.

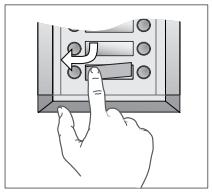
3. Terminal Description

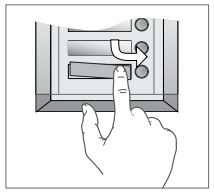


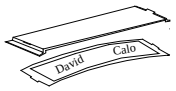
- **+12V:** 12VDC power output.
- **LK-:** power ground.
- **LK+:** common contact of the relay.
- **NO.:** normally open contact of the relay
- **EB+:** exit button positive connection port.
- **EB-:** exit button negative connection port.
- **JP-LK:** for electronic lock safety type setting(refer to door lock connections).
- **SET :** DIP switches for system configurations.
- **CN/KMB:** call button module connection port.
- **CN/T-COIL:** reserved.
- **CN/FUN:** touch sensor keypad module or TFT display module connection port.
- **CN/WGN:** card reader module connection port.
- **Bus(**L1,L2**):** non-polarity bus line,connect to PC6(power comb unit).

4. Place Name Label

Press down and move right/left to open the transparent nameplate cover. Then insert the name paper and put the cover back. Note that the double row button panel can be opened in both direction, single row button can only be opened at right side.



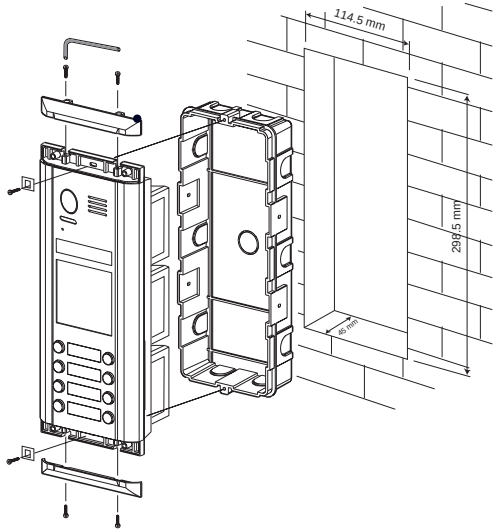




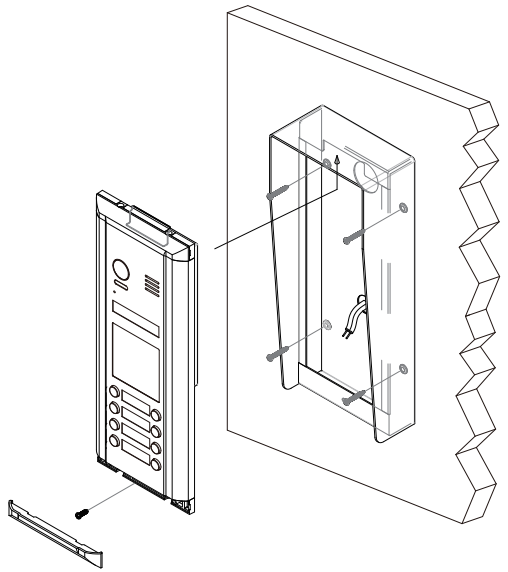
name paper

5. Mounting

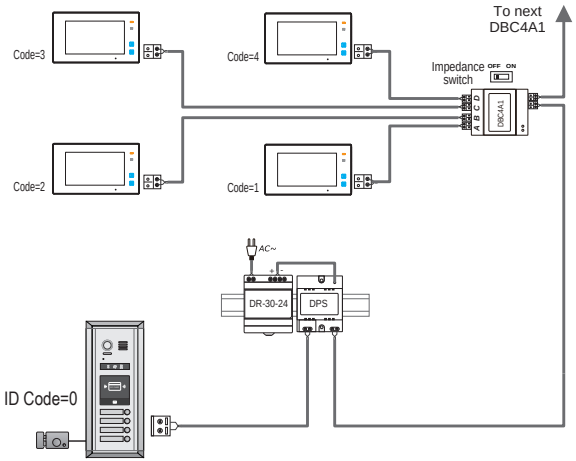
Half flush mounted



Surface mounted



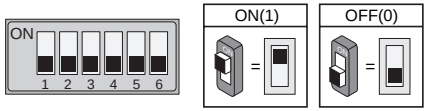
6. System Connection



- Note: This wiring takes DT47MG monitor for example.

7. DIP Switches Settings

Totally 6 bits can be configured by dip-switch. All switches can be modified either before or after installation, please restarting the power whenever the switches have been modified.



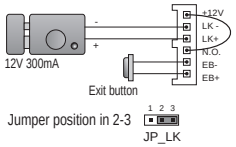
- **Bit-1 and Bit 2 are used for door station ID settings.** When multi door stations are installed in the system, these two bits must be set correctly, the first door station set to 00, the second one set to 01, the third one set to 10, the fourth one set to 11. If only one door station is installed, set to 00.
- **Bit-3 is used for single or double row button door station selection.** If the door station is a double row button, such as DMR11S-D8, set this bit to 0. For single row button door station,set to 1.
- **Bit-4 is used for button code selection.** If use the default codes for each button of the door station, set to 0. If use the programmed codes, set to 1.(the code for each button can be programmed by software, detail information refer to DT system technical guide)
- **Bit-5 is used for unlocking time setting.** 0 is the default setting,and the default time is 1 second. If set to 1,the unlock time is 5 seconds(the unlock time can be modified by door station or software)
- **Bit-6 is used for activating the key A and key B.** Normally key A and key B are not activated(about the functions of key A and key B,please refer to DT system technical guide),Just when it set to 1,key A and key B are activated.

8. Electric Lock Connection

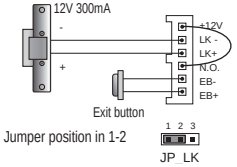
1) Door Lock Controlled with Internal Power

1. The door lock is limited to 12Vdc, and holding current must be less than 250mA when using internal power supply mode.
2. The **Unlock Mode Parameter** must be set to 0 (by default).
3. Jumper set to 1-2 position for power-off-to-unlock safety type(*Normally closed mode*); set to 2-3 position for power-on-to -unlock type(*Normally open mode*).
4. If different unlocking time is needed,change the unlock time on door station,detail information refer to DT system technical guide .

Power-on-to-Unlock type:



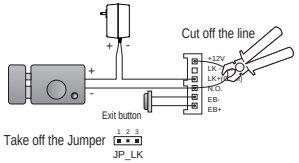
Power-off-to-Unlock type:



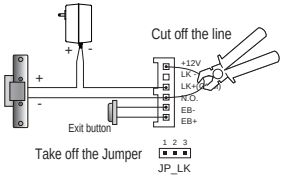
2) Door Lock Controlled with External Power

1. The external power supply must be used according to the lock.
2. The jumper must be taken off before connecting.
3. Setup the **Unlock Mode Parameter** for different lock types
   - Power-on-to-unlock type:Unlock Mode=0(by default)
   - Power-off-to-unlock type:Unlock Mode=1
4. If different unlocking time is needed, change the unlock time on door station,detail information refer to DT system technical guide .

Power-on-to-Unlock type:



Power-off-to-Unlock type:



9. Specification

• Power supply:	26Vdc
• Power Consumption:	1W in standby, 5W in working
• Unlock Power output:	12Vdc,250mA
• Unlock timing:	1~99s
• Working temperature:	- 20ºC ~ +55ºC
• Dimension:	313(H)×128(W)×63(D)mm(flush)
	313(H)×128(W)×70(D)mm(surface)

DMR11S Door Station

2-wire Color ARS Camera
Modularity Outdoor Station

Quick Installation Guide


DMR11S/S8


DMR11S/D16

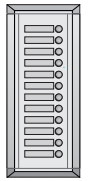

DMR11S/ID/S4

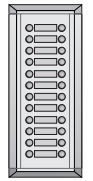

DMR11S/ID/D8


DMR11S/S4/F1


DMR11S/D8/F1


DMR11S/F2


EP11S/S12


EP11S/D24

Modules


R21/TFT


R21/LB


R21/ID


R21/TK


R21/S4


R21/D8

Please read this manual carefully before using the product you purchase, and keep it well for future use.We reserve the right to modify the specification in this manual at any time without notice.