6. DIP Switches Settings
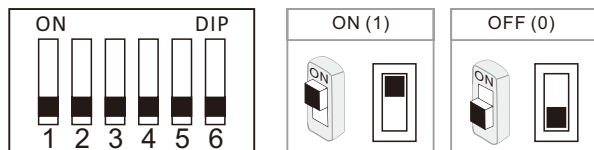
Total 6 bits in the DIP switches can be configured. The switches can be modified either before or after installation.

ON   DIP   ON (1)   OFF (0)
1 2 3 4 5 6

Bit-1,Bit-2 and Bit-3 are used for door station ID setting(1=on,0=off).
000 - 100 - 010 - 110 - 001 - 101 - 011 - 111
000 - First door station
100 - Second door station
010 - Third door station
110 - Fourth door station
If there's extra camera connected with the system. The door station ID would be
000 - First door station
010 - Second door station
001 - Third door station
011 - Fourth door station

Bit-4 and Bit-5 is used for unlock time setting.
00 - 1 second (Default setting)
10 - 5 seconds
01 - 10 seconds
11 - 15 seconds

Bit-6 is used for connecting extra camera.
0 - No extra camera (Default setting)
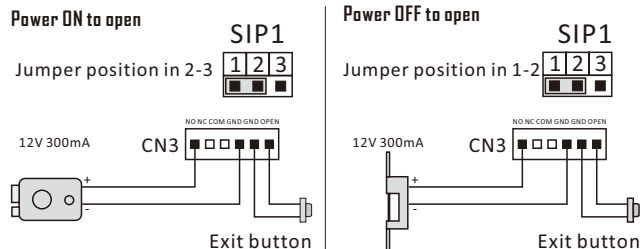1 - Connecting with extra camera

7. Electric Lock Connection

1. The door lock power for a 12v DC strike (max current=250mA).

2. Set the jumper SIP1 set to 1-2 for a normally closed lock (power OFF to open), or set SIP1 to 2-3 for a normally open lock(power ON to open.

3. Adjust the timer setting with Bit-4 and Bit-5 at the outdoor station

(1=on,0=off)

00-1sec, 01-5sec,10-10sec,11-15sec

Power ON to open
Jumper position in 2-3
SIP1
1 2 3
12V 300mA   CN3   NO NC COM GND GND OPEN
Exit button

Power OFF to open
Jumper position in 1-2
SIP1
1 2 3
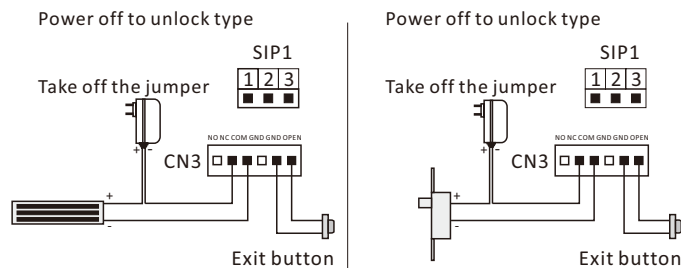12V 300mA   CN3   NO NC COM GND GND OPEN
Exit button

8. Electric Lock Connection

1. The external power supply must be used according to the lock.

2. The jumper must be taken off before connecting.

3. If different unlocking time is needed, change the unlock time on door station by modifying the BIT-4 and BIT-5.

Power off to unlock type
Take off the jumper
SIP1
1 2 3
CN3   NO NC COM GND GND OPEN
Exit button

Power off to unlock type
Take off the jumper
SIP1
1 2 3
CN3   NO NC COM GND GND OPEN
Exit button

9. Specification

- Power supply: DC 24V

- Power Consumption: 1W in standby, 5W in working

- Unlock Power output: 12Vdc, 250mA

- Unlock timing: 1s, 5s, 10s, 15s

10.User Instructions of RFID Access Control.

1) Make a master card:
Firstly to cut off the power of the outdoor station, secondly to connect JP2 with power, then sound will be heard every 1.5second,now to swipe new ID card will hear a long beep, that means new master card has been made,finally to take off JP2 will exit.

2) Delete all user cards:
Firstly to cut off the power of the outdoor station, then to connect JP3 with power,now a long beep will be heard, that means all user cards has been deleted, finally to take off JP3 will exit.

3) Add more user ID card:
Under standby,firstly to swipe the Master card, then to swipe new User cards one by one, now to swipe the Master card again, so new User cards have been made. only 2720pcs user cards can be made in the system.
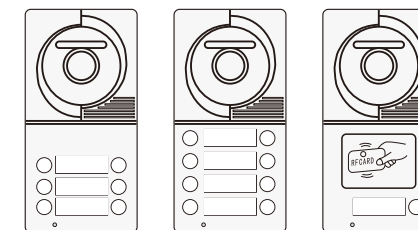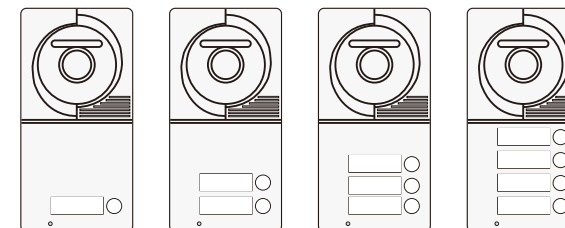
4) Open the door by ID user card:
Under standby, to swipe the active access ID user card on the access window will open the door, if the User card is not activated by the Master card, then the door can not be open and Dee beep will be heard at 3 times.

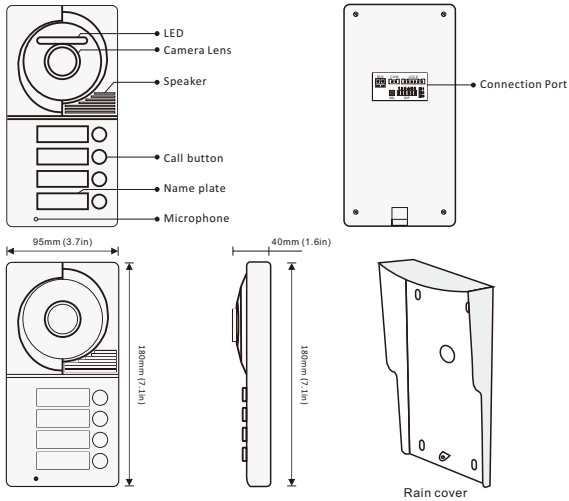**Door Station**
Spacetronik SPD-DS701

User manual

Please read this manual carefully before using the product .

1. Parts and Functions

- LED
- Camera Lens
- Speaker
- Call button
- Name plate
- Microphone

- Connection Port

95mm (3.7in) 40mm (1.6in)

180mm (7.1in) 180mm (7.1in)

Rain cover

2. Terminal Description

BUS CAM LOCK

⊕ ⊕ ■ ■ ■ ■ ■ ■ ■ ■

L1 L2 VI- VI+ NO NC COM GND GND OPEN

1 2 3 4 5 6 SIP1
⊕ ● 1
VOL DIP ● 2
● 3
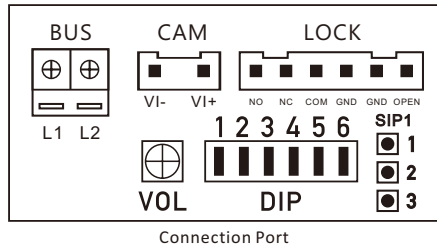
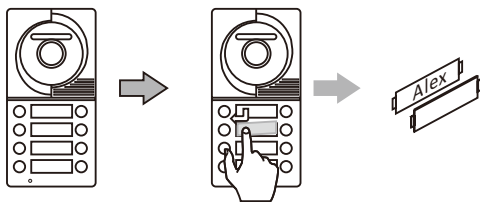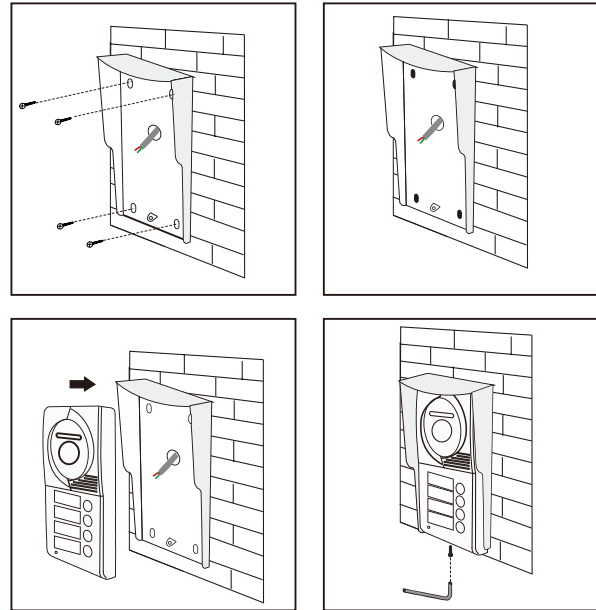Connection Port

- **BUS**: (L1, L2) non-polarity bus line
- **CAM**: Extra camera connection port
- **LOCK**: Electronic lock connection port
- **VOL**: Volume adjustor
- **DIP**: DIP switches for system configurations.

3. Place Name Label

Press down and move left to open the transparent nameplate cover. Then insert the name paper and put the cover back.
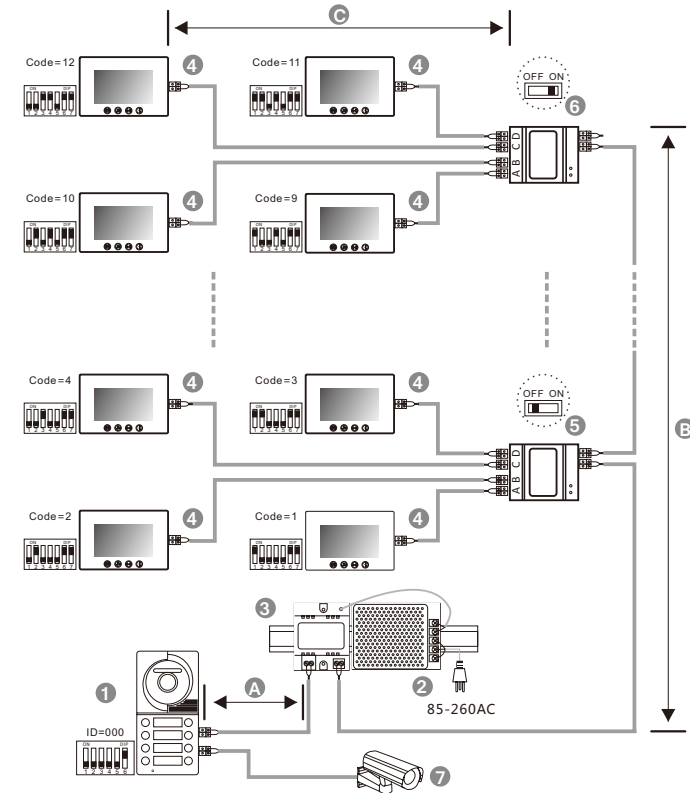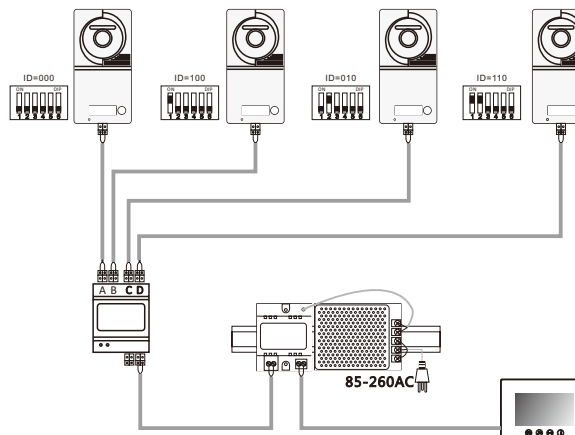

4. Mounting

5. System Connection

Multi door station

ID=000 ID=100 ID=010 ID=110

A B C D

85-260AC

Code=12 4 Code=11 4 OFF ON 6
Code=10 4 Code=9 4
Code=4 4 Code=3 4 OFF ON 5
Code=2 4 Code=1 4

3 A B
1 C D
A 2
ID=000 85-260AC
7

When monitor quantity < 20

Cable Usage	A	B	C
Parallel cable 2x0.75mm²	60	60	30
Parallel cable 2x1mm²	80	80	40

When monitor quantity > 20

Cable Usage	A	B	C
Parallel cable 2x1mm²	60	60	30
Parallel cable 2x1.5mm²	80	80	40

[1]: Door station, when there is only one Door station, the DIP bit-1, bit-2 and bit-3 should be set to 000.

[2]: Power supply, MUST be installed side by side with Power Separator.

[3]: Power Separator, MUST be installed side by side with Power supply.

[4]: Monitor, each one with an unique User Code, note that all the bit-6 of the DIP should be set to 1(ON) in this case.

[5]: Video distributor set switch to OFF unless at the end of the line.

[6]: Video distributor set switch to ON at the end of the line.

[7]: Extra camera.