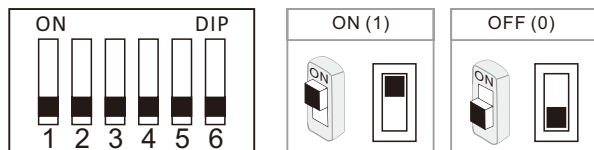# 6. DIP Switches Settings

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

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

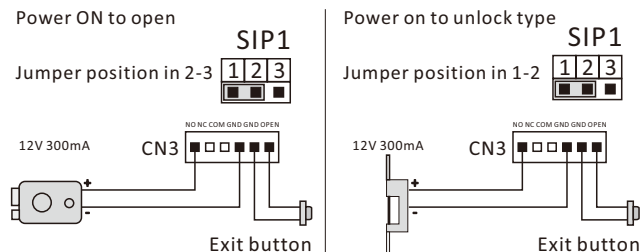**Bit-6 is used for connecting extra camera.**
0 - No extra camera (Default setting)
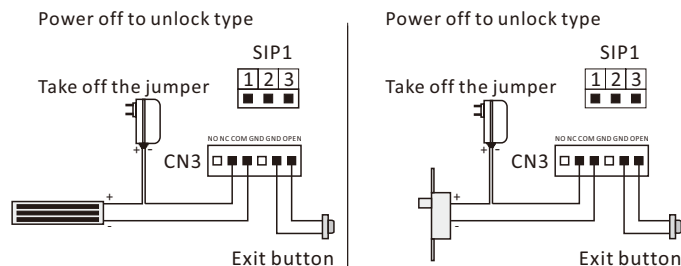1 - Connecting with extra camera

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

12V 300mA

Exit button

Power on to unlock type

Jumper position in 1-2

12V 300mA

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

Exit button

Power off to unlock type

Take off the jumper

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

- Working Temperature: -20℃~ +55℃

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.
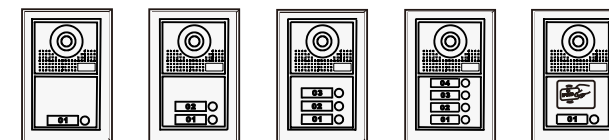
4) Open the door by ID user card:
    Under standby, to swipe the active access ID user card on the access window will open the door, if the User card is not activated by the Master card, then the door can not be open and Dee beep will be heard at 3 times.

The design and specifications can be changed without notice to the user. Right to

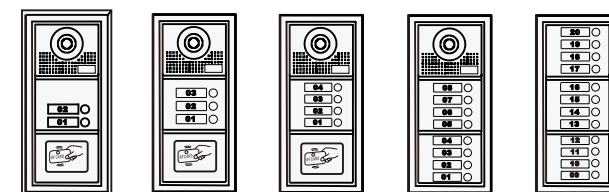interpret and copyright of this manual are preserved.

Door Station
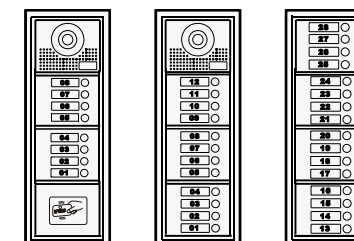# Spacetronik SPD-DS900

User manual

Dimension: 195(H)×130(W)×52(D)mm
Embedded Dimension: 185(H)×110(W)×33(D)mm

Dimension: 276(H)×130(W)×52(D)mm
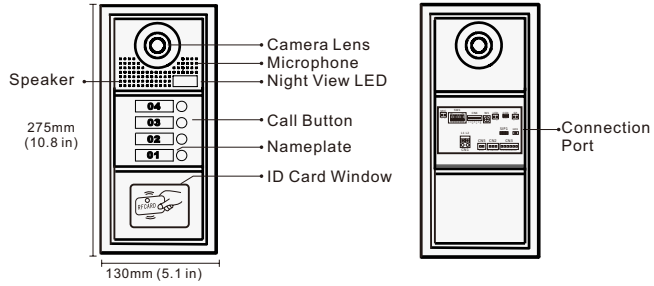Embedded Dimension: 270(H)×108(W)×33(D)mm
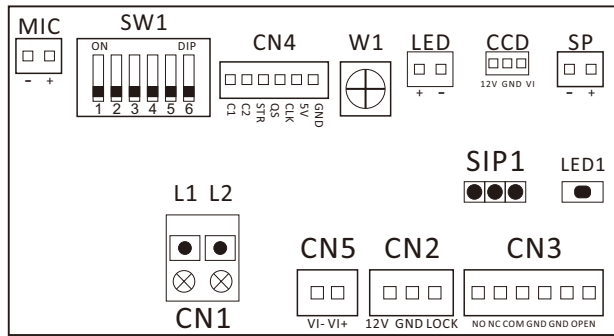

Dimension: 360(H)×130(W)×52(D)mm
Embedded Dimension: 350(H)×110(W)×33(D)mm

Please read this manual carefully before using the product .
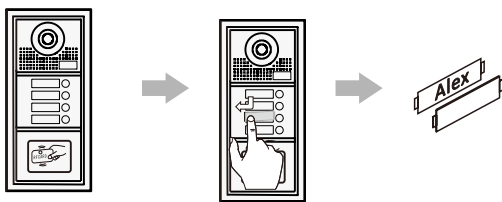
1. Parts and Functions

Camera Lens
Microphone
Night View LED
Speaker
275mm (10.8 in)

04
03
02
01

Call Button
Nameplate
ID Card Window

Connection Port

130mm (5.1 in)

2. Terminal Description

MIC
SW1
ON   DIP
1 2 3 4 5 6
CN4
GND
5V
CLK
STR
QS
C2
C1
W1
LED
+ -
CCD
12V GND VI
SP
- +

SIP1
LED1

L1 L2

CN5   CN2   CN3
CN1
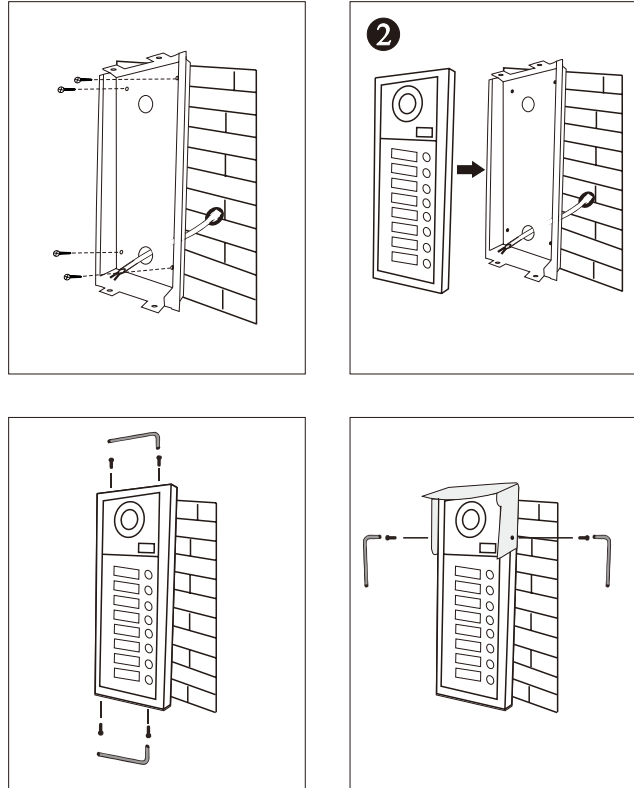VI- VI+   12V GND LOCK   NO NC COM GND GND OPEN

- **MIC:** Microphone connection port
- **SW1:** DIP switches for system configurations.
- **CN4:** Call button module connection port
- **W1:** Volume adjustor
- **LED:** Night vision light connection port
- **CCD:** Camera module connection port
- **SP:** Speaker connection port
- **CN1:** (L1, L2) non-polarity bus line
- **CN5:** Extra camera connection port
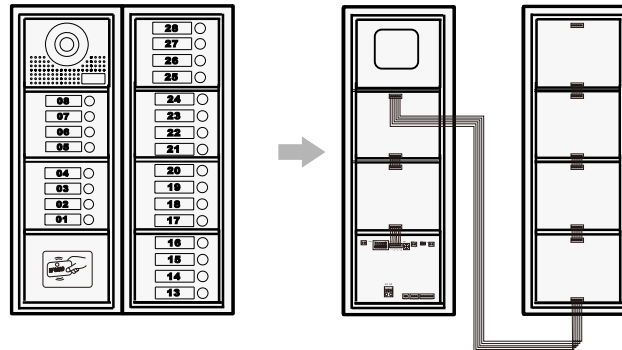- **Cn2:** Card reader module connection port

3. Place Name Label

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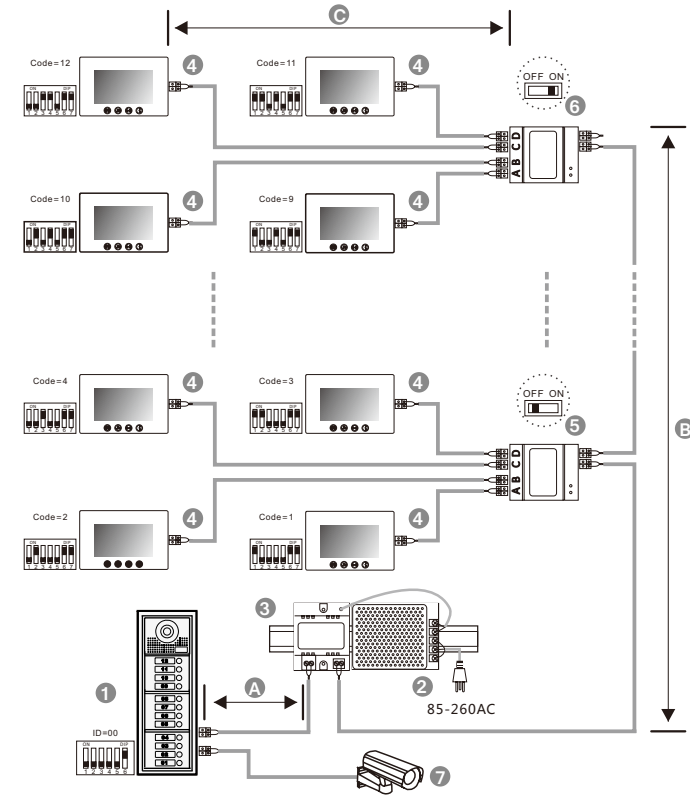
Alex

4. Mounting

❷

Installation with expanding panel

28 27 26 25
08 07 06 05
04 03 02 01

24 23 22 21
20 19 18 17
16 15 14 13

5. System Connection

Code=12   Code=11   ❹   OFF ON ❻
Code=10   Code=9   ❹
Code=4   Code=3   ❹   OFF ON ❺
Code=2   Code=1   ❹

❸
❶
ID=00
❷
85-260AC
❼

C
B
A

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.