DT-SCU

Camera Interface

User Manual

2-Wire System   Camera Interface

Model: SCU

○ Power	○ In-Use
○ CAM(1~4)	

○ CAM1   ○ CAM2

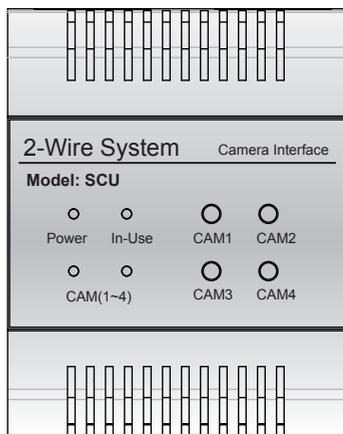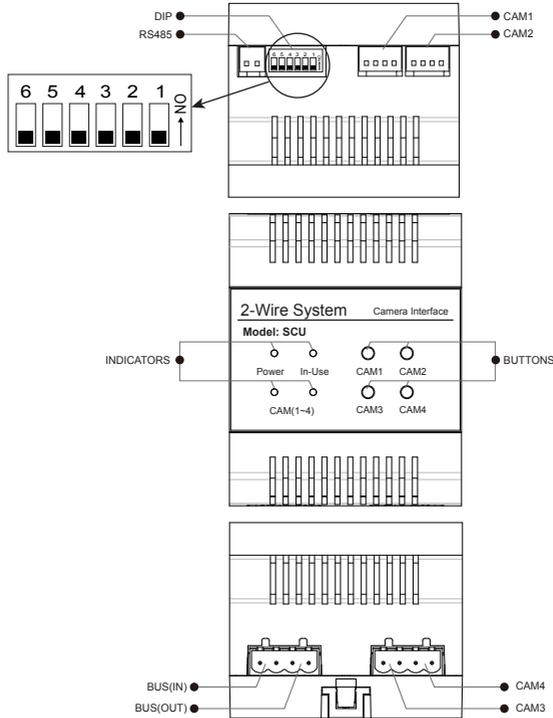○ CAM3   ○ CAM4

2EASY

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.

1.About DT-SCU Unit

Discription:

The camera interface DT-SCU is a controller function device designed for DT system to control camera.

2. Terminal Description

RS485:Reserved.

CAM1~2:Connect to regular analog CCTV(the following called TYPE A Camera).

CAM3~4:Connect to 2 wire camera(the following called TYPE B Camera).

BUS(IN):Connect to the bus line, no polarity.

BUS(OUT):Connect to the bus line, no polarity.

BUTTONS:Press CAM1~CAM4 button, it can control the corresponding

video output.

INDICATORS:

1.Power: Working indicator, always on when the SCU work normally.

2.In-Use:Video output indicator, always on when the SCU output the video.

3.CAM(1~4):Video output indicator.

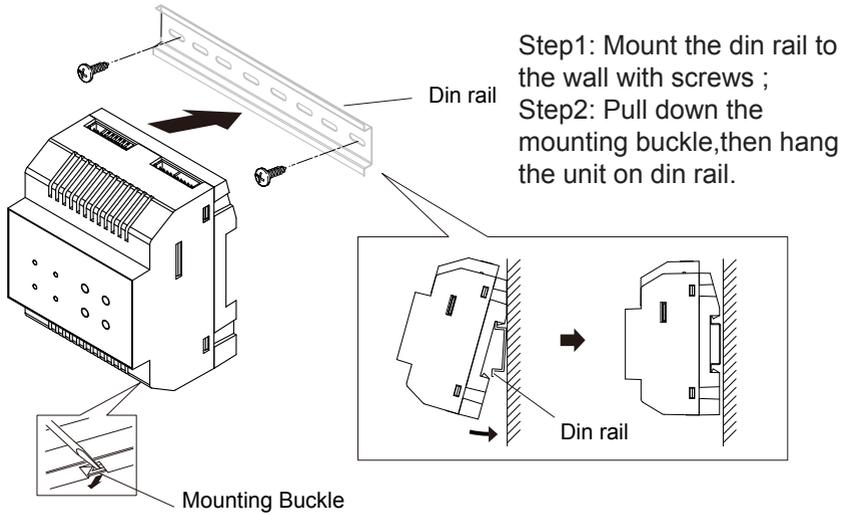| In-Use	CAM(1~4)		Description
🔴	⚪	⚪	CAM1 video output
🔴	🔴	⚪	CAM2 video output
🔴	⚪	🔴	CAM3 video output
🔴	🔴	🔴	CAM4 video output

* NOTE:

🔴 :It shows that the indicator ON;
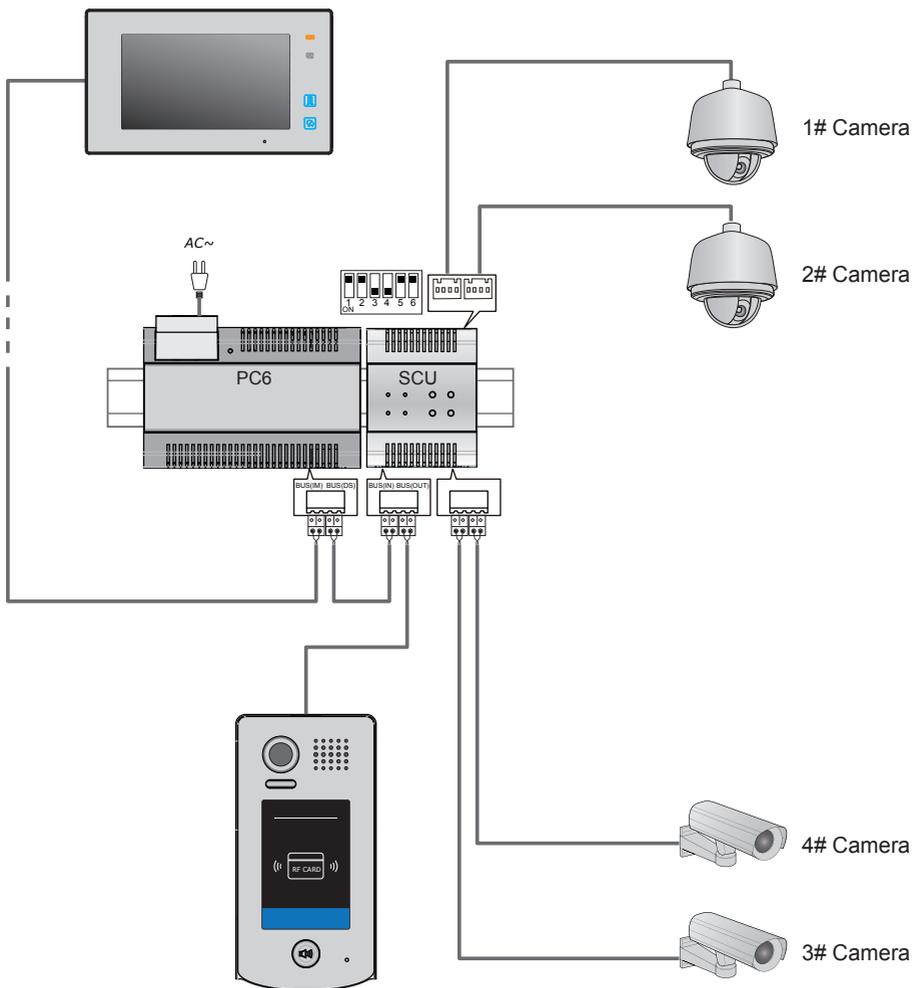⚪ :It shows that the indicator OFF.

DIP:DIP switches.

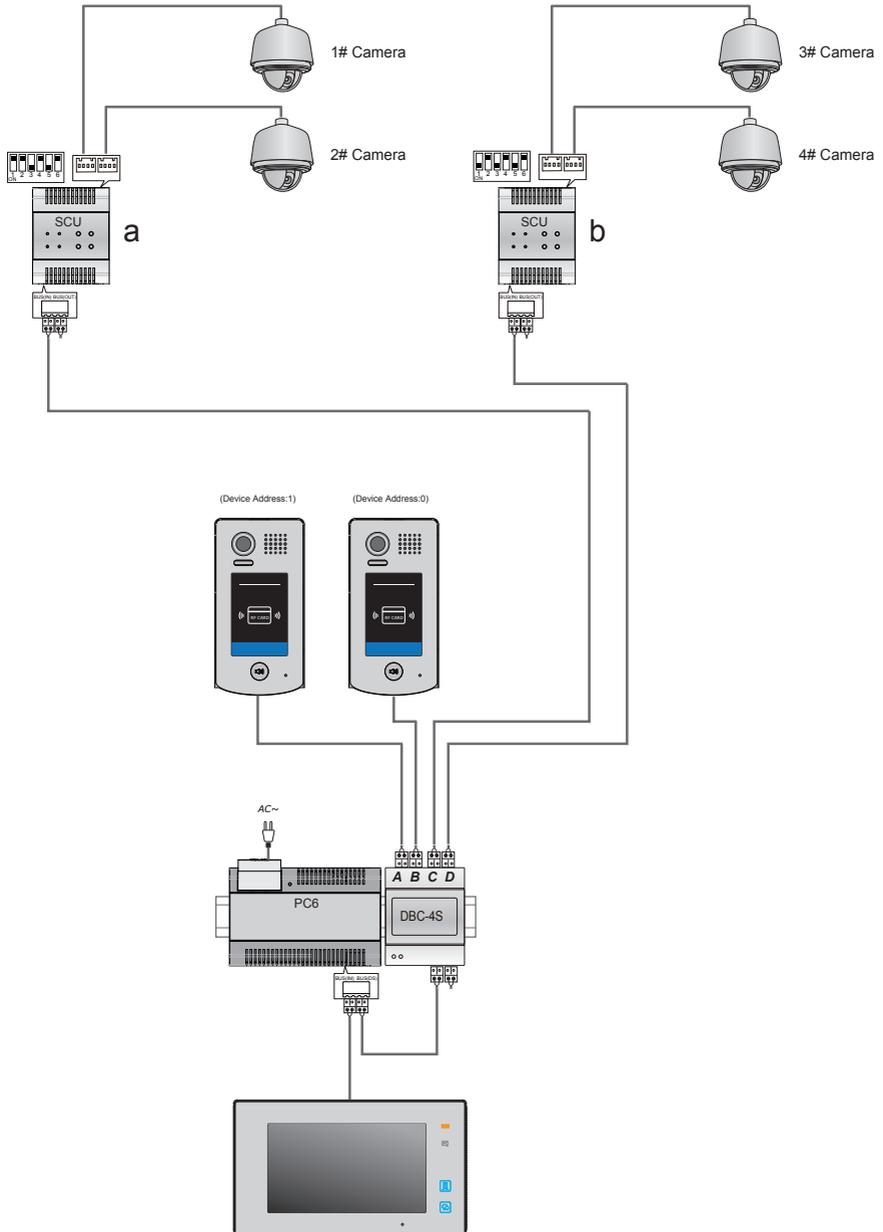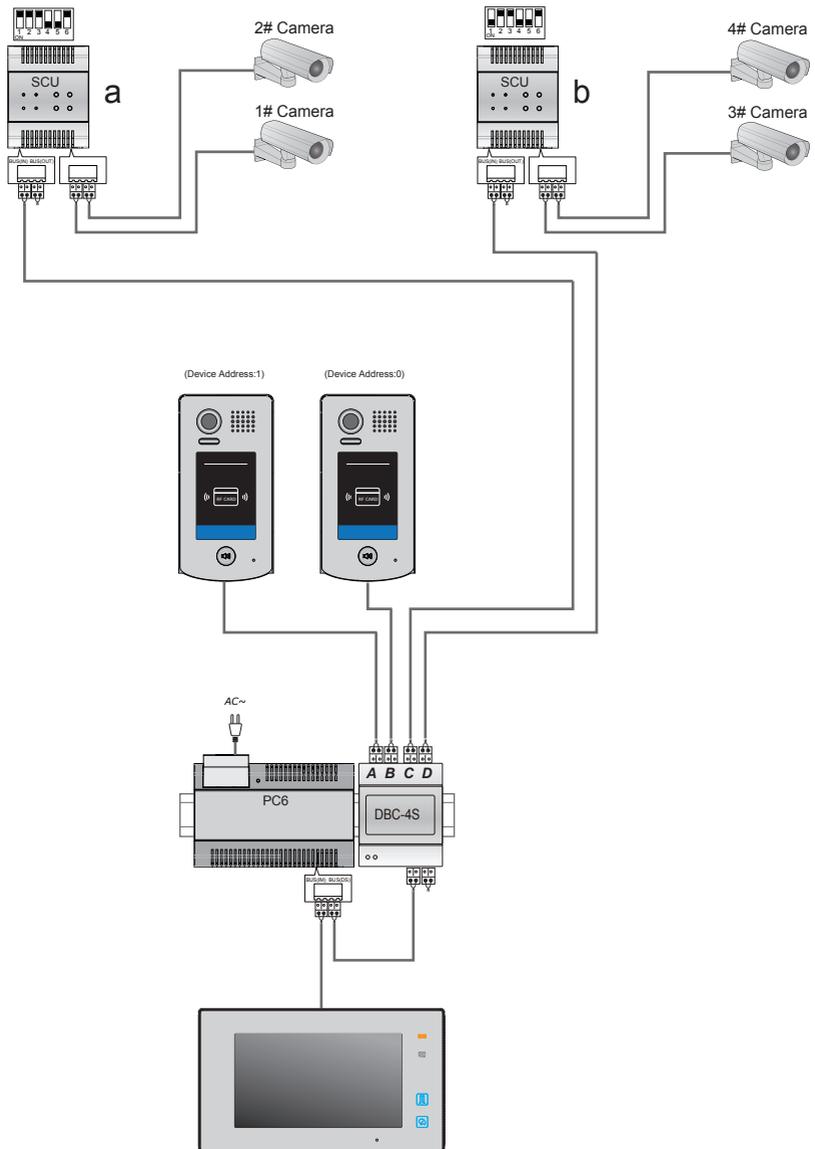| Bit	Bit State	Description
DIP1~DIP2		set to the first DT-SCU.
		set to the second DT-SCU.
		set to the third DT-SCU.
		set to the fourth DT-SCU.
DIP3		TYPE A Camera used. When DT-SCU connected TYPE A Camera, it should be set to ON.
DIP4		TYPE B Camera used. When DT-SCU connected TYPE B Camera, it should be set to ON.
DIP5		When all DT-SCU of the system are configured to connect the two cameras(two TYPE A Cameras or two TYPE B Cameras), it should be set to ON; When all DT-SCU of the system are configured to connect the four cameras(two TYPE A Cameras and two TYPE B Cameras), it should be set to OFF.
DIP6		When the system connected SC6V, and SC6V connected two cameras(the two cameras of the device is valid),it should be set to ON; When the system don't connected SC6V(or connected SC6V, but SC6V don't connected camera), it should be set to OFF.

3. Unit Mounting

Din rail

Mounting Buckle

Step1: Mount the din rail to the wall with screws ;
Step2: Pull down the mounting buckle,then hang the unit on din rail.

Din rail

4. Wiring Diagram

4.1 Single door station and single SCU applications:

1# Camera

2# Camera

4# Camera

3# Camera

4.2 Multi door station and two SCU(connected two TYPE A Cameras) applications:

1# Camera

2# Camera

3# Camera

4# Camera

SCU a

SCU b

(Device Address:1)

(Device Address:0)

AC~

A B C D

PC6

DBC-4S

4.3 Multi door station and two SCU(connected two TYPE B Cameras) applications:

NOTE: The system can connect SC6V(SC6V connected two TYPE B Cameras), but at this time, the DIP6 of DT-SCU must be set to ON.

5. Specification

- Power Supply :   DC24V;
- Working Temperature: $-15^0C \sim +55^0C$;
- Wiring: 2 wire,non-polarity;
- Dimension: 90(H)×72(W)×60(D)mm.