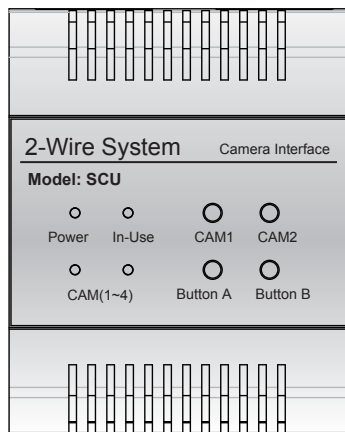


DT-SCU

CCTV Cameras Interface

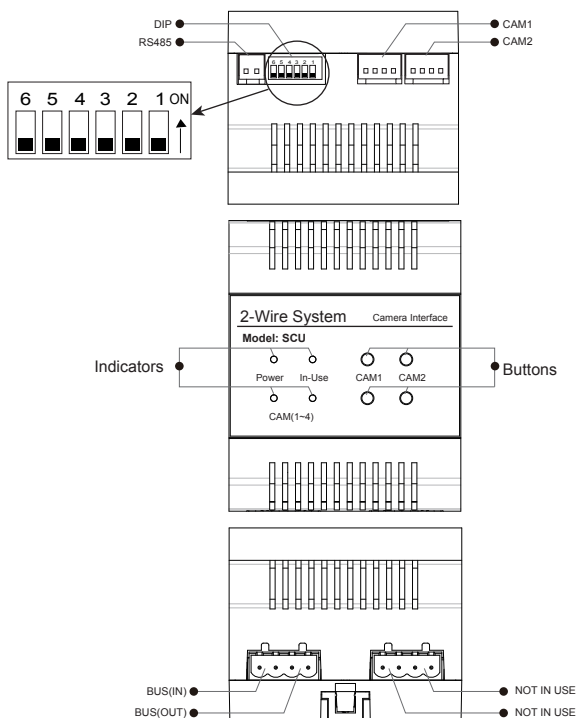
User Manual



1.About DT-SCU CCTV Cameras Interface

This Interface allows you to connect additional analog CCTV cameras to your Door Entry system. 2 x CCTV cameras can be connected to one SCU Interface. Maximum 2 x Interfaces can be connected, with a total of 4 x CCTV cameras. Maximum 3 x Interfaces can be connected with Cronus model monitor, with a total of 6 x CCTV cameras

2. Terminals Description



RS485: Reserved

CAM1~2: Connect analog CCTV cameras

CAM3~4: Not in Use. **WARNING: DO NOT TRY** to connect two more CCTV cameras to these ports. High voltage 24V will damage your analog cameras

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

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

BUTTONS: CAM1; CAM2; Button A and Button B - used for programming






LED Indicators

1. Power Indicator: Working indicator, steady On - SCU is working normally
2. In-Use Indicator: Video output indicator, steady On when any of CCTV cameras are in use
3. CAM(1~4) Indicator: Shows which CCTV Camera in use at that moment

CAM(1~4)		Description
<input type="radio"/>	<input type="radio"/>	CAM1 in use
<input checked="" type="radio"/>	<input type="radio"/>	CAM2 in use

☒ ON
☐ OFF

DIP switches

Monitor	Settings	Description
Alecto Aura Leda Avro	 ON	Flip DIP switches 3,4,5 On for first SCU connected
	 ON	Flip DIP switches 1,3,4,5 On for second SCU
Cronus	 ON	Flip DIP switches 1,3,4 On for first SCU connected
Cronus	 ON	Flip DIP switches 2,3,4 On for second SCU connected
Cronus	 ON	Flip DIP switches 1,2,3,4 On for third SCU connected
Working Mode	SCU or DCU mode?	SCU Mode for Video monitors: Alecto, Aura, Leda, Avro DSU Mode for Video monitors: Cronus

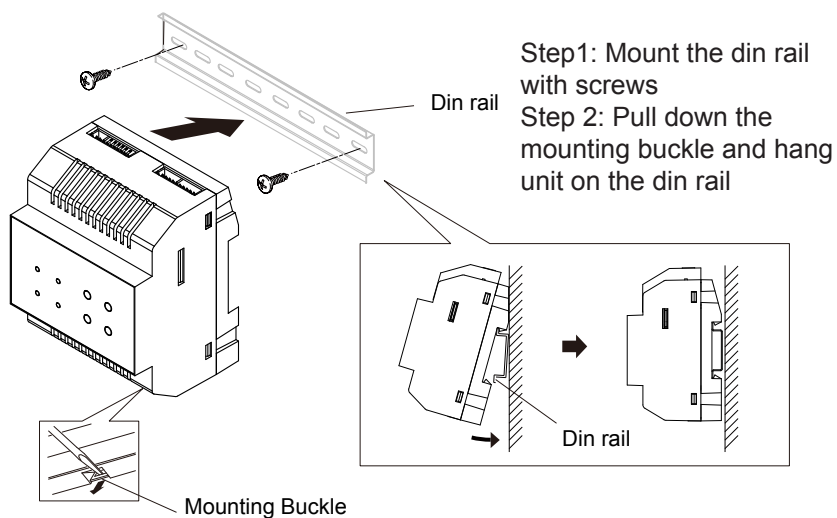
CCTV Camera Terminals Connection



VD & VG: Video Input
12V & GND: Power to CCTV

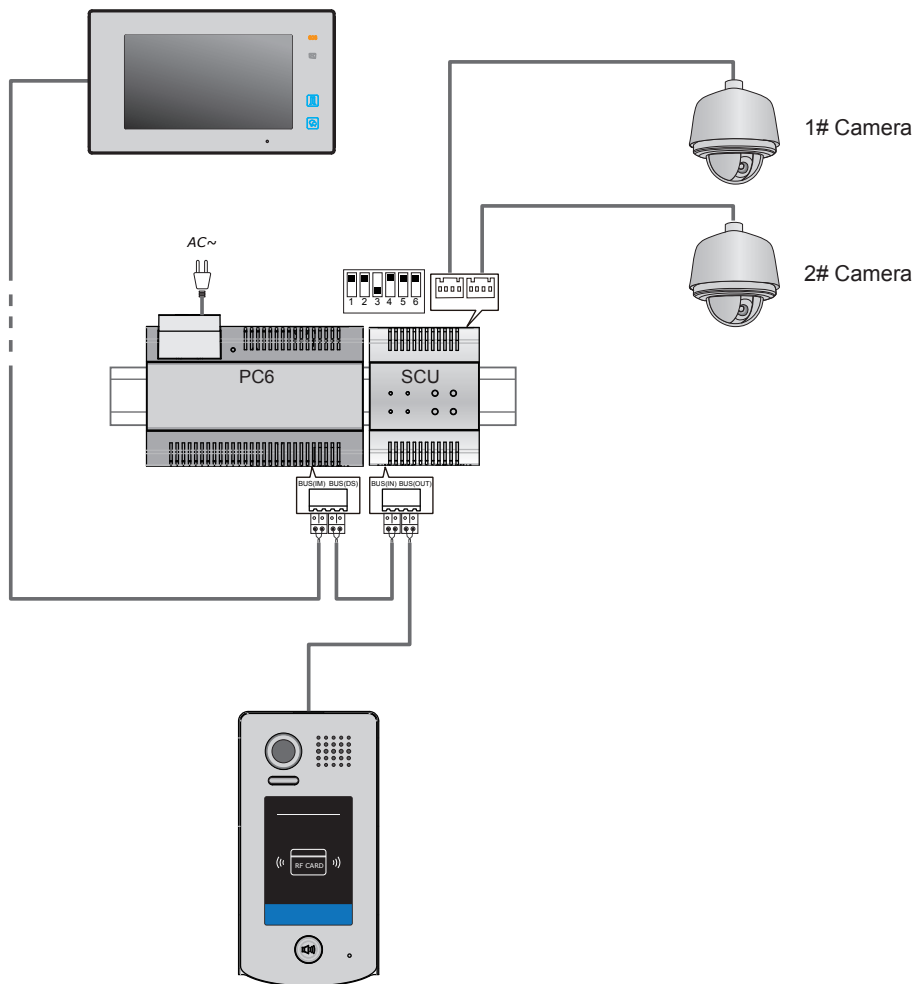
- 1- yellow - VD
- 2- black - VG
- 3- black - GND
- 4- red - 12V

3. Unit mounting

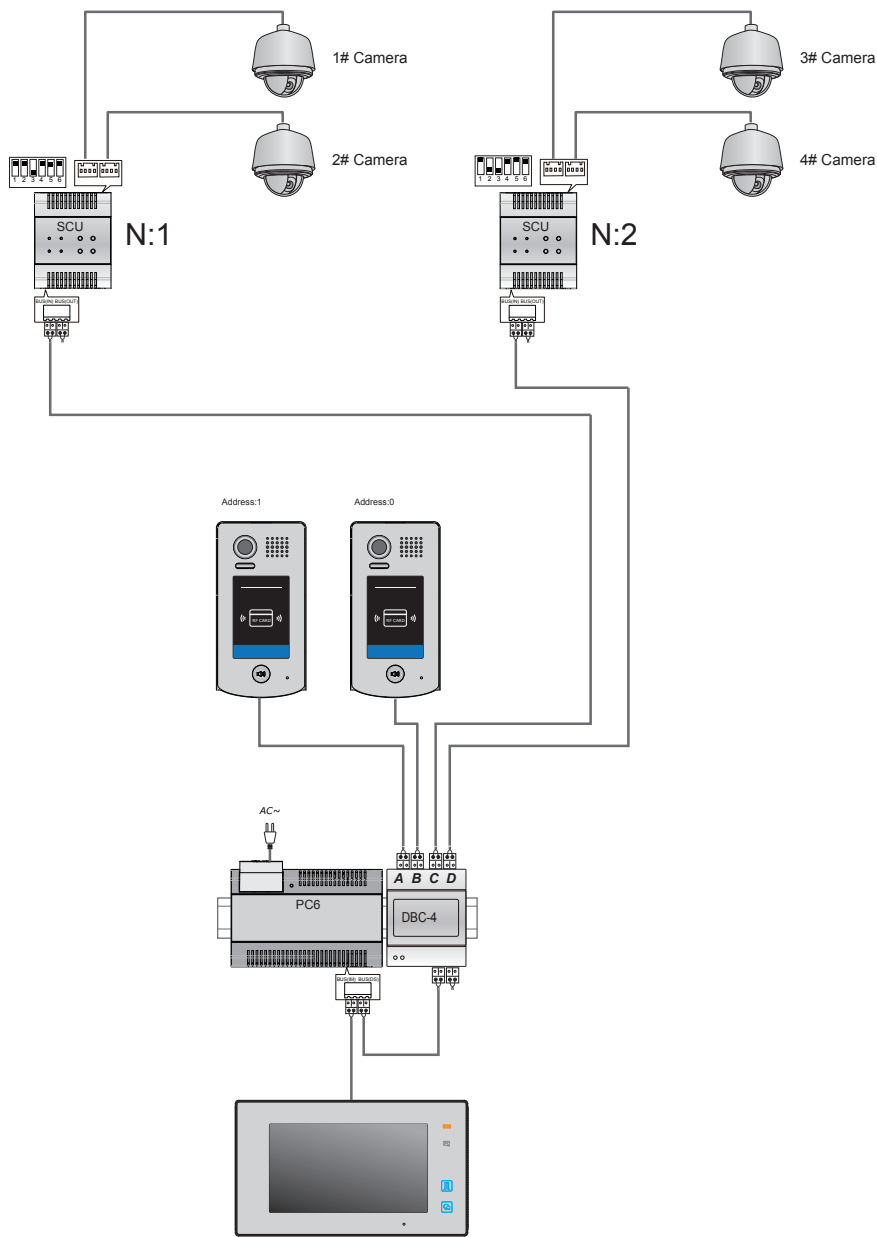


4. Wiring Diagram

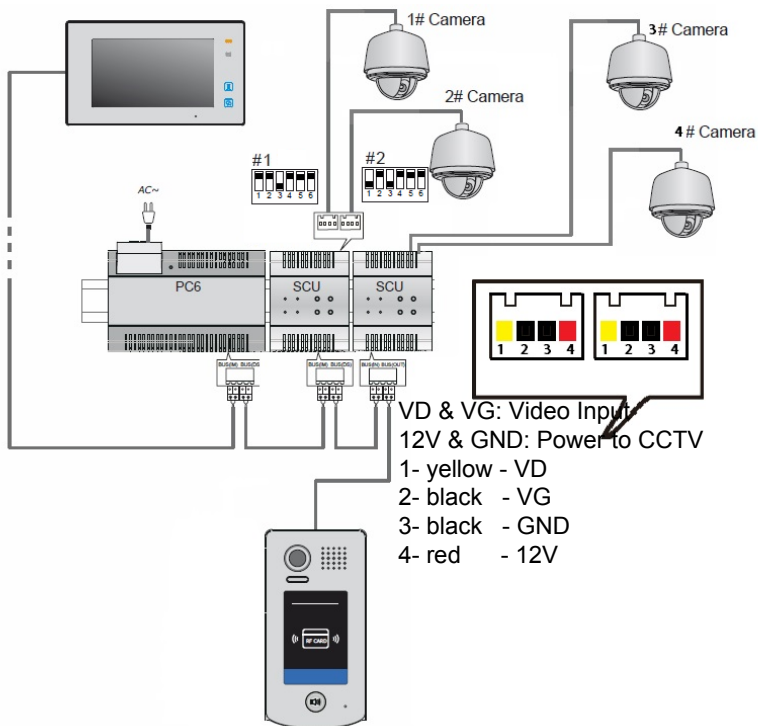
4.1 Connection of a single Door station and a single SCU CCTV Interface



4.2 Connection of 2 x Door Stations and 2 x SCU CCTV Interfaces

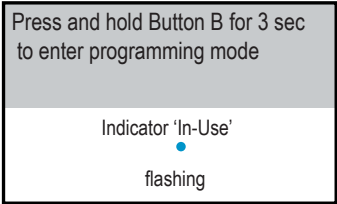


4.3 Connection of a single Door station and 2 x SCU CCTV Interfaces



5. Programming with buttons

Button A and Button B are for for working mode configuration, cameras switching time settings and monitoring time settings



Press and hold Button CAM1 for
3 seconds to change the working
mode (DCU mode for monitors:
Cronus, Leda)

Working mode Indicator CAM (1~4)
● ●
SCU mode ➔ DCU mode (flash ones)
DCU mode ➔ SCU mode (flash twice)

Press and hold Button CAM2
for 3 seconds
to program
cameras switching time

Left Indicator CAM (1 ~ 4) light starts
flashing. Each flash increase switching
time by 3 seconds, so count flashes
and press button when desired time
reached

Press and hold Button A
for 3 seconds
to program
cameras monitoring time

Right indicator CAM (1 ~ 4) light starts
flashing. Each flash increase
monitoring time by 15 seconds, so
count flashes and press button when
desired time reached

Note:
1. Maximum time can be set is 99 sec
2. Default is 6 seconds

Note:
1. Maximum time can be set is 900 sec
2. Default is 600 seconds

Note: If there is not any activity within 10 seconds it will return to standby

6. Specifications

- | | |
|------------------------|----------------------|
| • Power Supply: | DC24V |
| • Working Temperature: | -15°C~+55°C |
| • Wiring: | 2 wires, no-polarity |
| • Dimensions: | H90×W72×D60 mm |