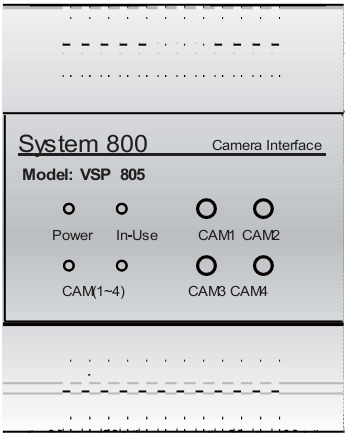
VSP 805

Camera Interface

User Manual



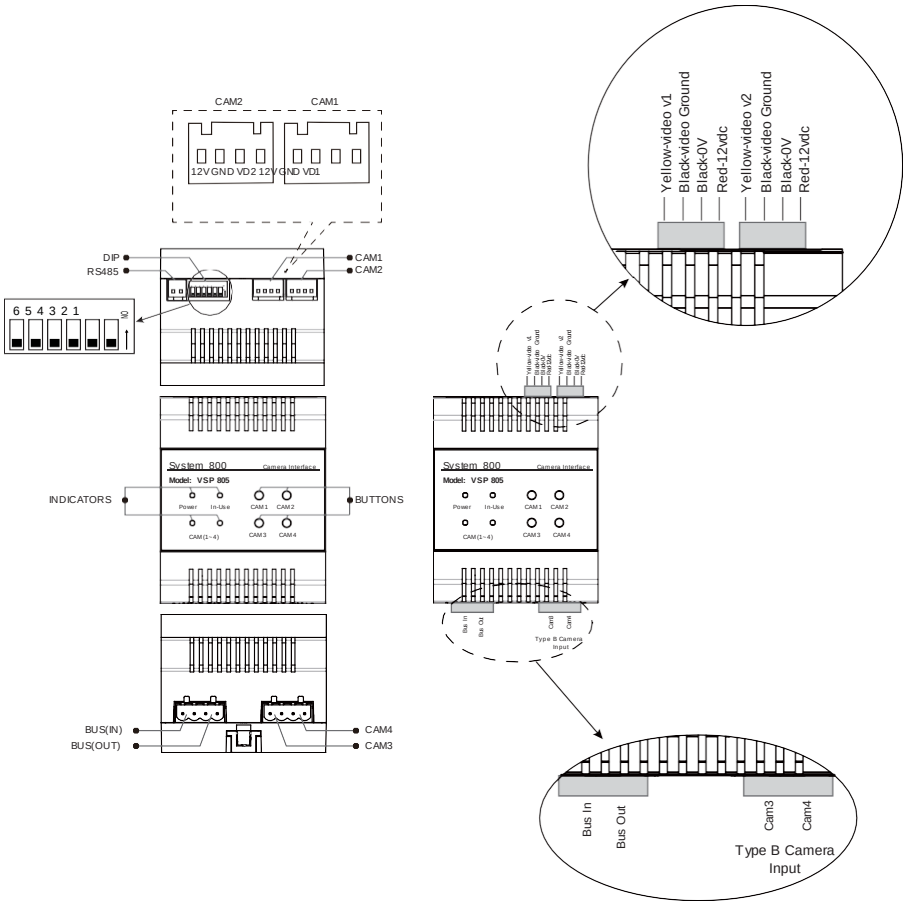
Please read this manual carefully before using the product you purchase, and keep it well for future use. We reserve the right to modify the specification in this manual at any time without notice

1.About VSP 805 Unit

Description:

The camera interface VSP 805 is a controller function device designed for System 800 to control camera. In addition, VSP 805 can be configured as DCU (Door Camera Unit) working mode to fit before used DCU accessory of the project. For details, see later section 5.

2. Terminal Description



RS485: Reserved.

CAM1~2: Connection for a regular analogue CCTV (TYPE A Camera).

CAM3~4: Connection of a System 800 camera (TYPE B Camera); If connecting a CCTV camera to this port, it must be connected via interface to convert to an analogue signal (see interface manual for further details).

BUS(IN): Connect to the bus line, no polarity on bus pair. Connect to monitor side of circuit ONLY.

BUS(OUT): Connect to the bus line, no polarity on bus pair Connect to Door Station side of circuit ONLY.

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

INDICATORS:

1. Power: Working indicator, always on when the VSP 805 work normally.
2. In-Use: Video output indicator, always on when the VSP 805 output the video.
3. CAM(1~4): Video output indicator.

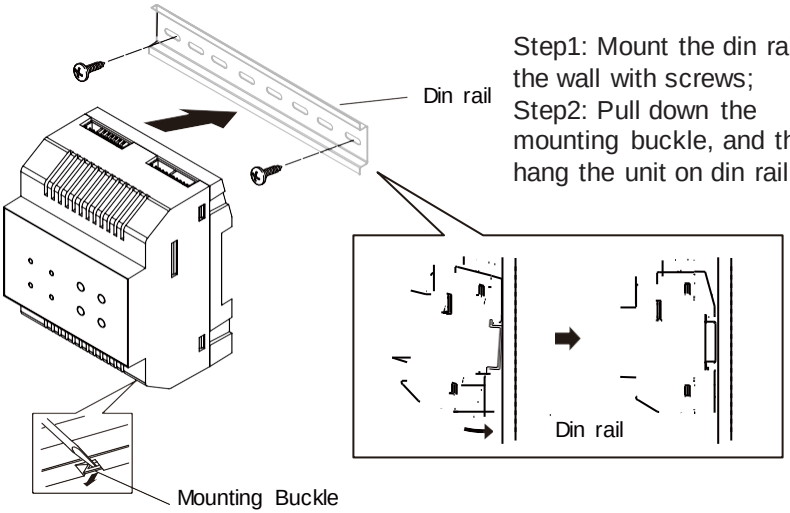
In-Use	CAM(1~4)		Description
●	○	○	CAM1 video output
●	●	○	CAM2 video output
●	○	●	CAM3 video output
●	●	●	CAM4 video output

* NOTE:
  ● : It shows that the indicator ON;
  ○ : It shows that the indicator OFF.

DIP: DIP switches.

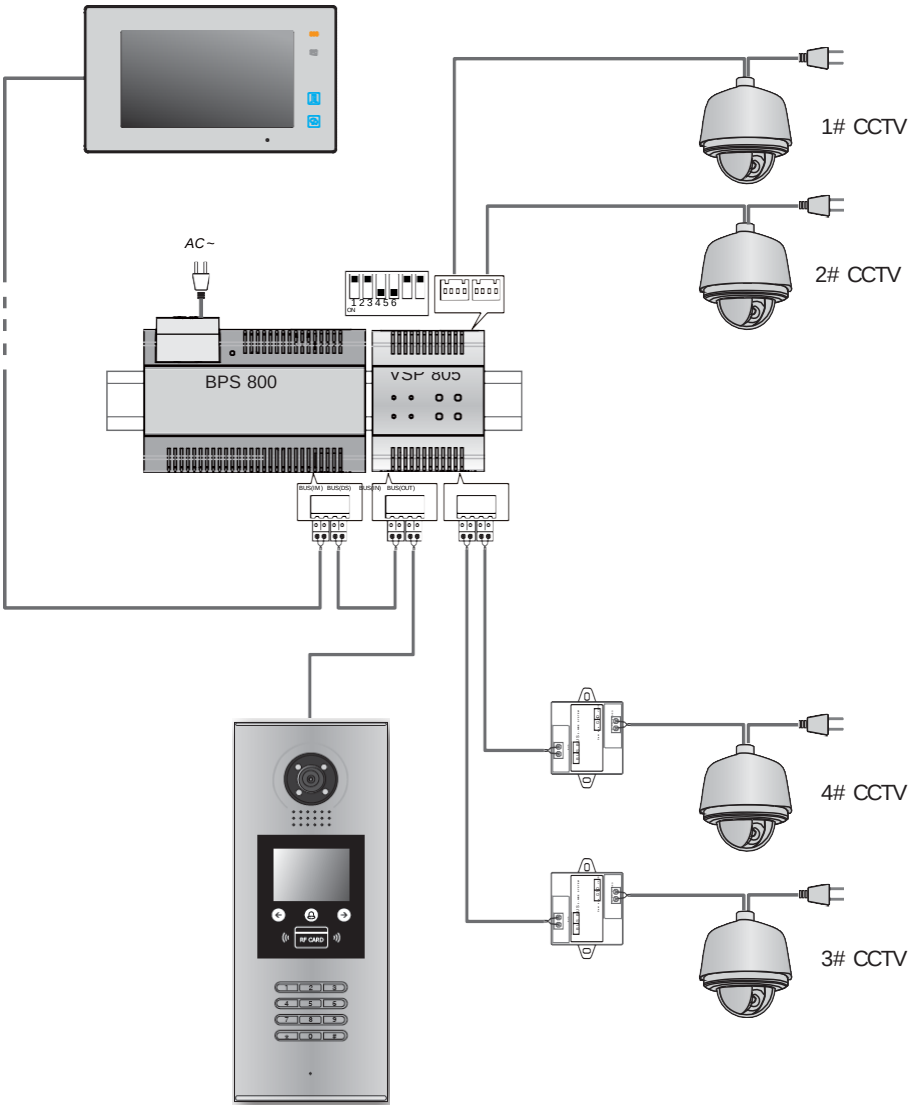
Bit	Bit State	Description
DIP1~DIP2		Set to the first VSP 805.
		Set to the second VSP 805.
		Set to the third VSP 805.
		Set to the fourth VSP 805.
DIP3		TYPE A Camera used. When VSP 805 connected TYPE A Camera, it should be set to ON.
DIP4		TYPE B Camera used. When VSP 805 connected TYPE B Camera, it should be set to ON.
DIP5		When all VSP 805 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 VSP 805 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		Not available

3. Unit Mounting



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

4. Wiring Diagram



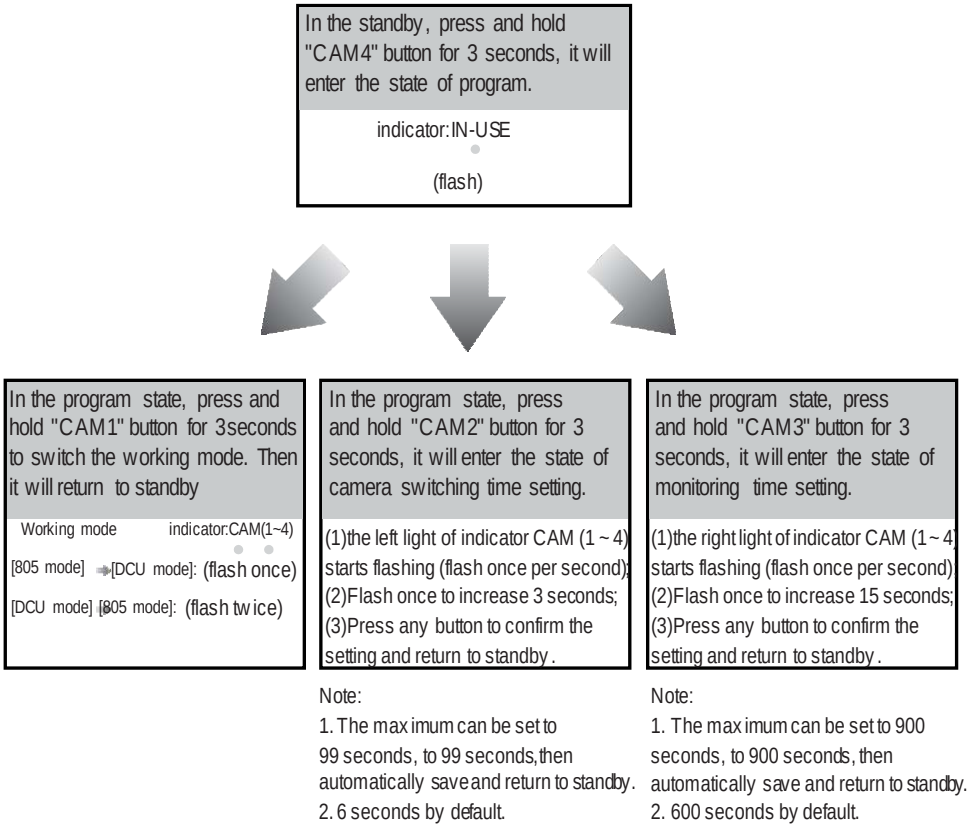
5. The use instruction of as a DCU

When VSP 805 configured as DCU working mode, VSP 805 has the same function with DCU accessory, here no longer tired out; the following is only a brief introduction of its configuration operations:

1). DIP switch configuration;

Bit definition	Bit state	Function Descriptions
Bit-1 and bit-2 DCU code setting		Invalid for DCU.
		Set to the first DCU.
		Set to the second DCU.
		Set to the third DCU.
Bit-3 and bit-6 Camera Config		*Bit-3(ON):CAMERA1 Enable; Bit-3(OFF):CAMERA1 Disable; *Bit-4(ON):CAMERA2 Enable; Bit-4(OFF):CAMERA2 Disable; *Bit-5(ON):CAMERA3 Enable; Bit-5(OFF):CAMERA3 Disable; *Bit-6(ON):CAMERA4 Enable; Bit-6(OFF):CAMERA4 Disable;

2).Working mode configuration, the camera switching time setting, and monitoring time setting.



Note:
1. The maximum can be set to 99 seconds, to 99 seconds,then automatically save and return to standby.
2. 6 seconds by default.

Note:
1. The maximum can be set to 900 seconds, to 900 seconds, then automatically save and return to standby.
2. 600 seconds by default.

Note: In program state, if there isn't any operation within 10s, or press any button, it will return to standby.

6. Specifications

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