

KB-1003 User's Manual



Version 1.1
080922

1. IMPORTANT SAFEGUARDS AND WARNINGS

Prior to installation and use of this product, the following WARNINGS should be observed.

- 1) All the safety and operating instructions should be read before the appliance is operated.
- 2) Do not use this unit near water or watery places.
- 3) Operate this unit from the type of power source indicated on the marking label or manual. When the voltage goes beyond the limited, please do not open the unit.
- 4) Don't clean it with the punchy detergent. Please use the soft cleaner, and only clean the outer.



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE.

Please thoroughly familiarize yourself with the information in this manual prior to installation and operation.

2. DESCRIPTION

It can control output decoders, integrated camera, speed dome, or integrated PT unit. It can also be used in our DVR system.

3. TECHNICAL PARAMETER

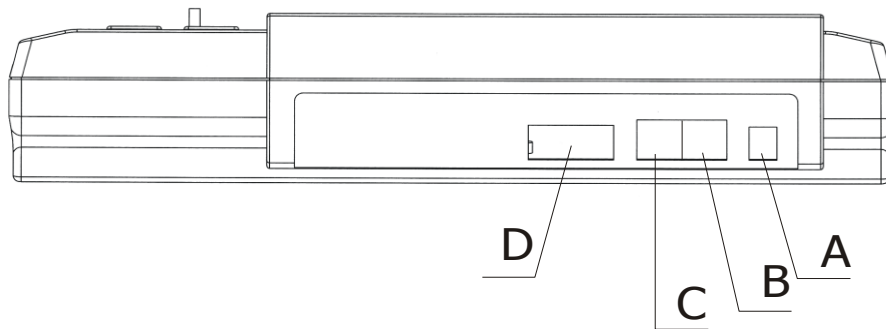
1. Baud Rate: 1200 Bit/S, 2400 Bit/S, 4800Bit/S, or 9600Bit/S.
2. Communication: RS-485
3. Power supply: DC 9V
4. Communication distance: max 1200m
5. Can control Max 32 speed domes.

4. NAMES AND FUNCTIONS OF EACH PARTS



Before power it, please check the cables, and make sure they are right connection.

Rear Panel



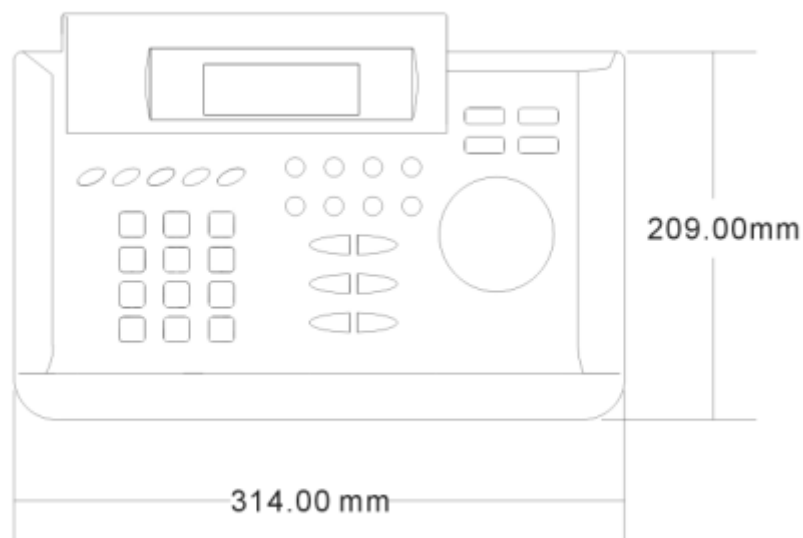
A: Input power: Connect with DC9V power supply.

B: RS485-1: Connect with speed dome, decoder or receiver.

C: RS485-2: No use.

D: RS232 connector: No use.

Front Panel



1) LCD DISPLAY

This displays will show the current ID number, protocol, baud rate and status.

2) 0~9

Used for setting the camera ID, Preset No. and modify the keyboard parameters.

When SHIFT button is in effect, it will be light. 2, 8, 4 and 6 can also be used to move the PT unit UP (2), DOWN(8), LEFT(4) and RIGHT(6).

3) CAM

Enter the ID (0-255) by the number key then press CAM key i.e.: Number + CAM
The number will be displayed after item **CAM** on the LCD.

4) MON

No use.

5) CLOSE/OPEN, NEAR/FAR, and TELE/WIDE

This is used when controlling the actions of the IRIS, FOCUS, and ZOOM of the zoom lens connected to the speed dome or PT unit.

Under Manual mode, pressing key **CLOSE** and **OPEN** can control the IRIS.

Under Manual mode, pressing key **NEAR** and **FAR** can control the Focus.

Press key **WIDE** and **TELE** until getting the image you need.

Under Auto mode, manual controlling is no use for Focus and IRIS.

6) JOYSTICK

It is 2D or 3D, and used to move the speed dome or PT unit on pan or tilt direction. The moving speed increases as the offset. Turning the knob on the 3D joystick can control the camera **TELE/WIDE**.

7) MENU

Press key **MENU** to call the camera menu.

Exit the menu from the exit item of the camera menu (recommended) or press key **MENU** again.

For **SDCI-220** model:

Press key 57 + CALL , enable on screen menu on the Monitor.

Press key 57 + PRESET , disable on screen menu on the Monitor..



This function is not available for the FCWO-220 and FCWO-270 model.

8) TOUR

- For **FCMO-270, FCMO-220, FSWO-220, FSCO-220 and FSCI-220** model:
Press key **Tour**, the LED will be light and start to tour the multi preset position.
Press key **Tour** again, the LED will be off and stop to tour the multi preset position.
- For **SDCI-220, PTWO-100 and PTCI-100** model:
Press key **51** + **PRESET**, start to tour the multi preset position.
Move the Joystick to stop tour function.

9) SCAN. (360° pan auto scan)

- For **FCMO-270, FCMO-220, FSWO-220, FSCO-220 and FSCI-220** model:
Press key **SCAN**. The LED gets turned on, and auto scan begins.
Press key **SCAN** again. The LED gets turned off, and auto scan stop.
- For **SDCI-220, FTWO-100 and FTCTI-100** model:
Press key **53** + **CALL**, start to Auto Scan function.
Move the Joystick to stop Auto Scan function.

10) SHIFT

Press key **SHIFT**, it gets turned on, and SHIFT is in effect.
Press key **SHIFT** again, it gets turned off, and SHIFT is off no effect.

11) BEFORE

No use.

12) NEXT

No use.

13) CALL

This is function for search the preset position of the speed dome or receiver. Entry the Preset No. in the Number area, and press key **CALL** to call it. i.e. **N** + **CALL**
If succeed, the number input area will reset automatically.

14) Enter

No use.

15) CLEAR

Press key **CLEAR**, the Number input area will reset

16) PRESET

- **Set up the Presets:** Move the joystick, and adjust the Lens to select the surveillance position you need. Input No. and then press [PRESET] key. i.e. **N** + **PRESET**
- **Call the presets:** Input the preset number, and press [CALL] key. i.e. **N** + **CALL**

17) MUX-C, F1—F4 & PATTERN

No use.

18) PGM

- Input 50, and then press key **PGM** to select Protocol P.
- Input 44, and then press key **PGM** to select Protocol D.
- Input 12, and then press key **PGM** to select Baud Rate to 1200.
- Input 24, and then press key **PGM** to select Baud Rate to 2400.
- Input 48, and then press key **PGM** to select Baud Rate to 4800.
- Input 96, and then press key **PGM** to select Baud Rate to 9600.

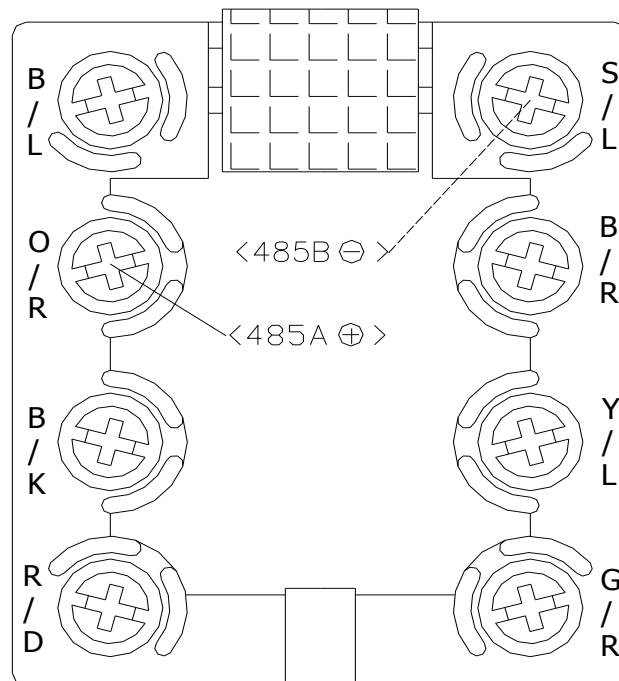
If the above action can succeed, the number input area will reset automatically.

5. KEY BOARD CONNECTION

Connect **O/R** with **RS-485+ A (Y)**

Connect **S/L** with **RS-485- B (Z)**

Inner connection diagram



There is a diagram on the box, please take it off before using.