



Speed Dome Control Keyboard

User's Manual CCKBW2

Thank you for using our Products.

I. Keyboard Overview:

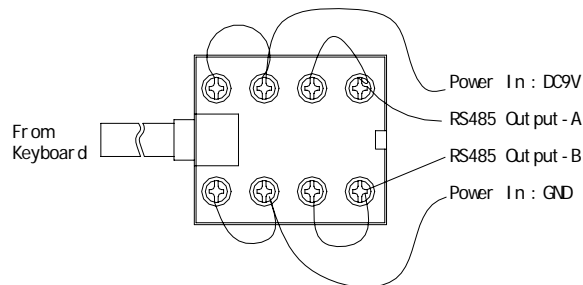
- Proportion Joystick: Use this joystick to operate high-speed dome. It is easy to use with good handling and flexible maneuvering.
- Max controlled 128 dome cameras.
- Liquid Crystal Display (LCD) display board is regarded as interface between operator and device. It is direct, convenient, easy to follow and conveys large amounts of information.
- Provide RS485 control output signal.

II. Keyboard Technical Parameters:

- Power input: DC 9V-12V, Power: 5W.
- Communication baud rate: 1200bps; 2400bps; 4800bps; 9600bps.
- Data Format: N,8,1
- Provide RS485 control output signal.
- The RS485 can control up to 32 PTZ cameras.

III. Keyboard Connection with Dome Camera :

- Insert one end of the keyboard data line into keyboard RJ45 port. The other end to PTZ camera. The picture is as below:



- The keyboard can set up to 128 sole addresses. However, it needs Amplifier to strengthen Signal for far distance and many PTZ cameras. The strength and weakness of the RS485 control signal determines the dome quantity. It can control up to 128 dome cameras through signal compensation devices. The RS485 can control 32 dome cameras at most if it has no signal compensation.

IV. Keyboard Protocol Set:

1. Turn on the power.
2. Press [55] + [USER] + [99] + [PROG], The LCD showing protocol and baud rate.
3. Press [LAST] or [NEXT] key to select protocol and Communication baud rate.
4. press [PROG], for confirmation and save to keyboard.

V. Keyboard Operation:

1. Dome camera selection:

- a. Enter the camera No. [1-128],
- b. Press [CAM] KEY.
- c. Example:
Enter [1]+[CAM]:Camera 1 is selected.
Enter [99]+[CAM]:Camera 99 is selected.

2. Camera Lens control:

- a. Press [Z+] OR [Z-] KEY: Zoom In/Out.
- b. Press [F+] OR [F-] KEY: Focusing Far / Near.
- c. Press [I+] OR [I-] KEY: IRIS Open/ Close.
- d. Joystick to control PTZ Camera running: Up, Down, Left, Right, Left-up, Left-down, Right-up, Right-down.

3. Panel Scanning (Mode Scanning)

- a. Press [PATN] KEY. OR,
- b. Press [253] + [SHOT] KEY.

4. Set Preset Position:

- a. Adjust the Dome camera to the desired position including location, camera zoom, focus and iris.
- b. Press [8] + [PROG]
- c. Press[1-128] + [SHOT] KEY.(The Preset Position Number you wish to set. You can set 1-128 Preset Positions)

5. Adjust the Dome camera running speed

- a. Press [1-7] + [F2] KEY. It can set running speed from 1 to 7 grades.
- b. Example:
Enter [1], and then press [F2] key:Lowest running speed.
Enter [7], and then press [F2] key:Fastest running speed.

6. View Preset Position:

- a. Press [1-128] + [SHOT] KEY.
- b. Example:
Press [5],and then press [SHOT] KEY, To view preset position No. 5.

7. Start up Pattern Tours:

- a. Enter the end of Preset Position[2-16].
- b. Press [RUN] KEY.
- c. Example:
[5] + [RUN]:Make an auto cruise scanning
1-2-3-4-5-1-2-3-4-5-1-2.....Preset Position.
[8] + [RUN]:Make an auto cruise scanning
1-2-3-4-5-6-7-8-1-2-3-4-5-6-7-8-1-2..... Preset Position.

8. Hold Pattern Tours:

Press [HOLD] KEY to Hold Pattern Tours.(only this camera).

9. Auxiliary Switch On:

Press [1-8]+[AUX ON] KEY.

10. Auxiliary Switch OFF:

Press [1-8]+[AUX OFF] KEY.

11. Adjust the Dwell Time:

- a. Press [DWL] KEY: The dwell time changes from 1-60 seconds. Or,
- b. Enter the desired dwell time and press [DWL] KEY:[1-60]+[DWL].

12. Delete previous data :

Press [CLR] KEY to delete previous data on the LCD.

VI. Keyboard Spare Parts List

Parts	Quantity	UNIT
Manual and Operating Instructions	1	PCS
Keyboard	1	PCS
DC9V Power Supply	1	PCS
Data Line	1	PCS

VII. Keyboard Dimensions:

