

FastCam III

FSKY-100 2D/3D Keyboard

User Manual



Version: V1.1

Doc No.: 2007011201

i-view
A Solo Life

Precaution

- **FCC Statement**

This equipment has been strictly tested and reached to Class A, pursuant to part 15 of the FCC rules, which focus on providing reasonable protection against harmful exterior interference when the equipment is operated in a commercial environment. While the equipment running, it maybe cause a strong electromagnetic wave with constant frequency, which may interrupt the radio communication if the user does not installed and used in accordance with the product user manual.

- **Warning**

- Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.
- This device may not cause harmful interference, and this device must accept any interference received, including interference that may cause undesired operation.
- Shielded cables and I/O cords must be used for this equipment to comply with relevant FCC regulations.

- **Caution**

- Do NOT use power sources other than that specified.
- Do NOT expose this appliance to rain or moisture.

About This Guide

Conventions used in this guide

To make sure that you perform certain tasks properly, take note of the following symbols to use throughout this manual.



WARNING: Information to prevent injury to yourself when trying to complete a task.



CAUTION: Information to prevent damage to the components when trying to complete a task.



IMPORTANT: Information that you must follow to complete a task.



NOTE: Tips and additional information to aid in completing a task.

Important Safeguards and Warning



It is not recommended to install this product by unqualified person.



The method and material of installation should be insured for the weight of the product and enclosure as pan/tilt, camera lens, and so on



Stop using and power off the product if any unusual smell or smoke comes from the camera.



Do not install the camera in an intermittent lighting environment.



Do not aim the camera at the sun or any other strong light source



Do not install the camera where it might be exposed to rain or water.



Do not drop the camera or examine it in severe shocks or vibrations.



Do not touch the front glass of the camera with a dirty or coarse stuff.



Do not install the product under humid conditions, near flammable or explosive gases.

Chapter 1 Product Introduction

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

1-1. Product Package Content

Please check the package content by the following list.

- Joystick Keyboard (2D or 3D) x 1 pcs
- Connection Box x 1 pcs
- DC 9V Switching Power Adapter x 1 pcs
- Flat Cable with Phone Jack x 1 pcs
- User Manual x 1 pcs

1-2. Technical Parameters

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

Function Description

1-3. Product Overview



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

● Name and Function Desc

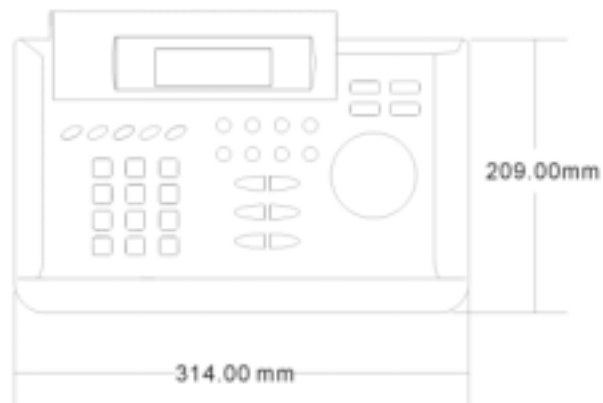
Front Panel

A: Input power: Connect with DC9V power supply.

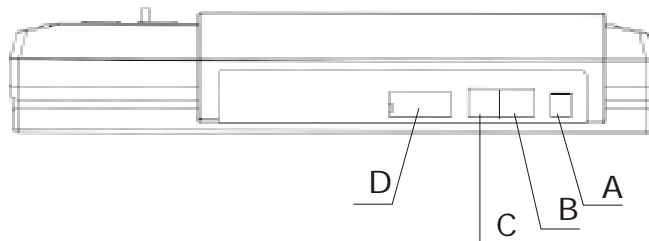
B: RS485-1: Connect with speed dome, decoder or receiver.

C: RS485-2: No use.

D: RS232 connector: No use.



Rear Panel



1. LCD DISPLAY

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

2. 0~9 Number

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).

Function Description

3. CAM

Enter the ID (0-255) by the number key then press CAM key i.e.: +

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.

6. TOUR

For FDMO-27X, FDPI-220,FCMO-270, FSWO-220 and FSCI-220 model:

Press key Tour, the LED will be light and star 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 + , star to tour the multi preset position.

Move the Joystick to stop tour function.

7. SCAN. (360°pan auto scan or 3 D Scanner)

For FDMO-27X, FDPI-220,FCMO-270, FSWO-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 FTCI-100 model:

Press key + , star to Auto Scan function.

Move the Joystick to stop Auto Scan function.

Function Description

8. 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.

10. BEFORE

No use.

11. NEXT

No use.

12. 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.

13. ENTER

No use.

14. CLEAR

Press key CLEAR, the Number input area will reset

15. 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**

Clear the presets: Input the preset number, and press [PRESET] key over 2 seconds. i.e. **N** + keep to push **PRESET** over 2 seconds.

16. MUX-C, F1—F4 & PATTERN

No use.

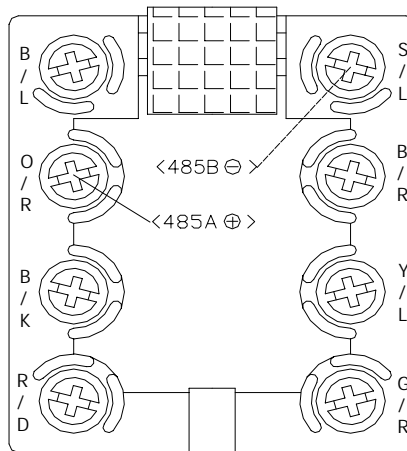
Function Description

17. PGM

- Input 50, and then press key **PGM** to select Pelco Protocol P.
- Input 44, and then press key **PGM** to select Pelco 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.

Inner connection diagram



Connect O/R with RS-485+ A (Y) Connect S/L with RS-485- B (Z)



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