

# System Keyboard



## [Description]

Control keyboard can control speed dome with 3-AXIS Joystick, Users can control the lens of speed dome and operate PAN/TILT and ZOOM IN /OUT movement at the same time. The keyboard also offers push button control for camera and monitor selection, zoom, focus, iris, auto pan, receiver preset position entry alarm a knowledge.

The keyboard allows operating 1 up to 32 speed dome camera or receivers via RS-485. The communication distance between controller and receiver is up to 1.2km.

## [Features]

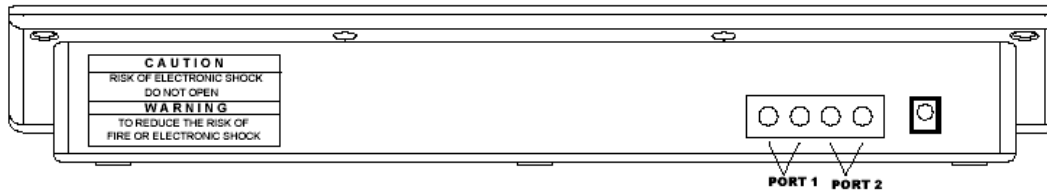
1. Offers 5 different protocols
2. Can set up as “Master” and “Slave” keyboard; max. up to 4 keyboard to enable the function of the multi-control system.
3. with 3-axis joystick
4. be able to control “ZOOM IN/OUT” , “FOCUS NEAR / FAR” , and “IRIS OPEN/CLOSE” of camera lens
5. be able to setup and call the Preset Points, Preset Tour, Auto Pan, Patrol Learn functions etc.
6. be able to connect up to 255 pieces of Speed Dome camera
7. Max. Control distance up to 1200 meters

[Show]

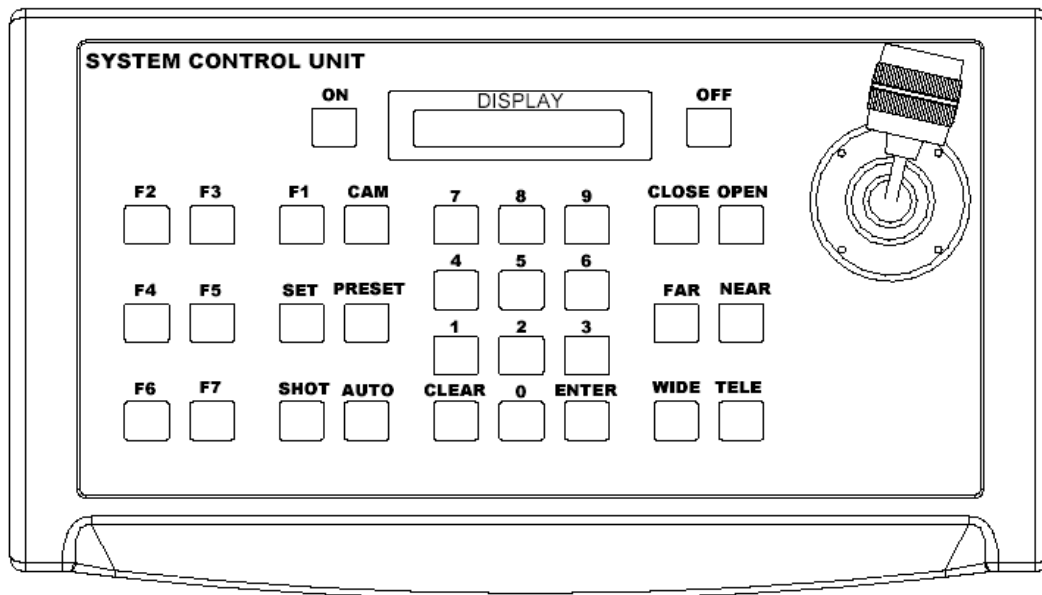
**Rear view:**

A. Power input DC12V

B. RS485 IN/OUT port



# OUTLOOK:



## [Function of Key]

- [CAM] To select speed dome camera
- [SHOT] To set up or call cruising track
- [SET] To set up preset position
- [PRESET] To call the preset position
- [ON] To turn on the function setting
- [OFF] To turn off the function setting
- [F1] Auxiliary function keys
- [0]-[9] Number key
- [CLEAR] To clear
- [ENTER] To confirm
- [AUTO] To control auto-horizontal rotation for pan/tilt
- [OPEN] To open IRIS
- [CLOSE] To close IRIS
- [WIDE] To a wide angle
- [TELE] To turn to a telescopic range
- [FAR] To make focus far manually
- [NEAR] To make focus near manually

# [Operation (example with EyeView)]

## 1. Preset Memory

The preset memory function will memories camera positions and zoom, focus, etc. Later, you can easily recall any of the preset camera positions by entering its corresponding number, and the camera will move the memorized position with all the preset settings.

### 1.1 To set a preset position

[SET] + [N] + [ENTER] , the LCD displays **Preset No. N**

N: the number of preset position: 1~128

### 1.2 To call a preset position

When camera positions have been set, you can enter a memorized camera position number.

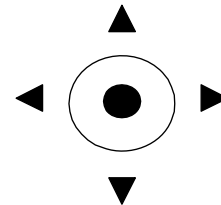
[Preset] + [N] + [ENTER] the LCD display **Call No. N**

N: the number of preset position: 1~128

## 2. Pan / Tilt Function

The pan function will move the camera on all horizontal plane, to surveillance position.

The tilt function will move the camera on a vertical plane, to surveillance position. The speed is variable according to the angle of joystick.



### 3. Auto Pan Function

+  +  +  +

The auto pan function allows you to have the camera move back and forth automatically, at a preset speed, between the 2 preset camera positions.

For example: Start position No.7

End position No.8

Before this function can be used, the auto pan start position ( No.7 ) and the auto pan end position ( No.8 ) must be preset.

the LCD displays

the LCD displays

the LCD displays

the LCD displays

the LCD displays

- The camera will move from it actual position to auto pan start position (No.7).
- The camera will move from the auto pan start position (No.7) to the auto pan end position (No.8).
- The camera will move back from No.8 to No.7.
- Steps 2 and 3 are repeated.

## 4. To surveillance by cruise tracks

You can set 4 cruising tracks for camera and call any of them. Each cruising track contains up to 16 preset positions. You can set up the staying period and moving speed for each preset position.

### 4.1 To set up cruise tracks

[SHOT] + [N]

The LCD displays Input Tour No. N

N: The number of track:  $1 \sim 4$

[ON] The LCD displays Track = N1 Sum = N2

N<sub>1</sub>: track number  $1 \sim 4$

N<sub>2</sub>: sum of preset positions  $1 \sim 16$

Press [TELE], the LCD displays No.01 point 01

Press  $0 \sim 9$  number ( $0 \sim 128$  positions)

Press [TELE] the LCD displays No.01 speed 01

Speed lever  $1 \sim 8$  1 stand fast speed

8 stand lowest speed

Then press [TELE] the LCD displays No.01 time 01

(Time range:  $1 \sim 99$  seconds)

Then press **TELE** the LCD displays **No.02 point 02**

Repeat the steps of point 1

Press **OFF** to save and exit.

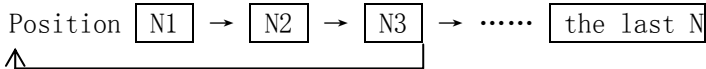
Move the joystick to exit without saving.

## 4.2 To call the cruise tracks

**SHOT** + **N** + **ENTER**

The camera will move as follow

Position **N1** → **N2** → **N3** → ..... **the last N**



## 5. Iris Function

Iris level can be adjusted by pressing

Press **F1** + **7** + **OFF**, and then press **OPEN** or **CLOSE**

Press **F1** + **7** + **ON** iris will be auto

## 6. Focus Function

The focus can be set manually

Press **NEAR** or **FAR**

Press **F1** + **6** + **ON** or move the joystick, the focus will be auto.

## 7. Zoom Function

The filming range can be set using the zoom function.

Press  the LCD displays Zoom Tele

Press  the LCD displays Zoom Wide

## 8. Digital Zoom Function

Press  +  +  digital zoom will open.

Press  +  +  digital zoom will close.

## 9. Backlight Compensation Function (BLC)

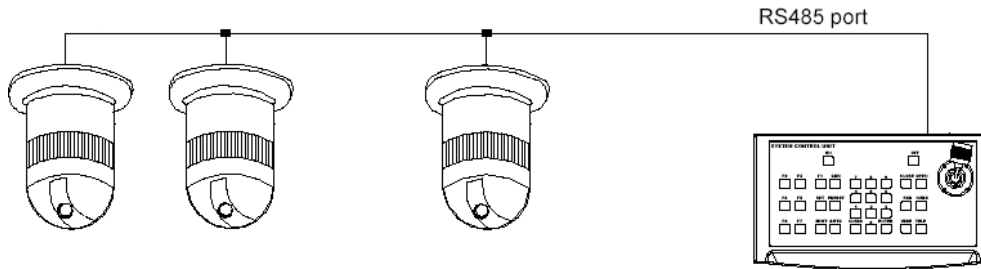
The backlight compensation is used when the background is bright and the subject comes out too dark.

Press  +  +  BLC ON.

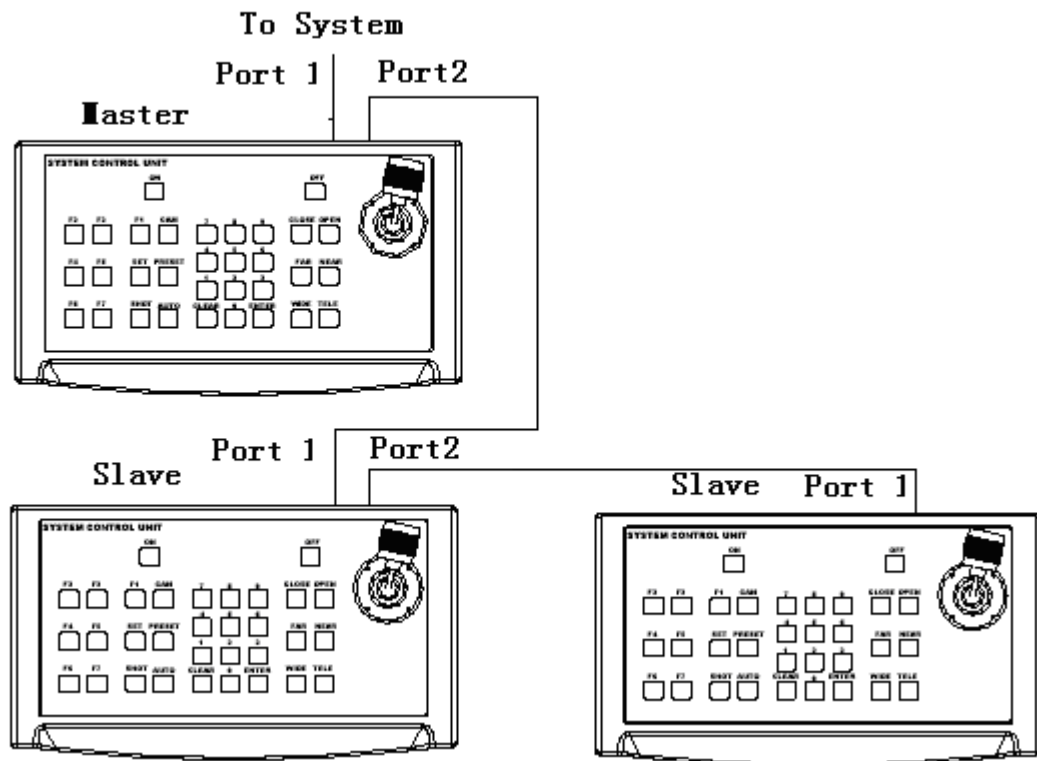
Press  +  +  BLC OFF.

[Connection]

## SYSTEM CONNECT :



## Master and Slave Control



## [Technical Specifications]

<b>Input voltage</b>	<b>DC12V 500mA</b>
<b>Communication</b>	<b>RS485</b>
<b>Protocol</b>	<b>EyeView, Alec, PelcoP 9600, PelcoP 4800, PelcoD</b>
<b>LCD display</b>	<b>16 character</b>
<b>Joystick</b>	<b>3-Axis</b>
<b>Temperature</b>	<b>-5°C ~ 50°C</b>
<b>Humidity</b>	<b>10% ~ 90%</b>
<b>Dimensions</b>	<b>350(W) X 200(D) X 62(H) mm</b>