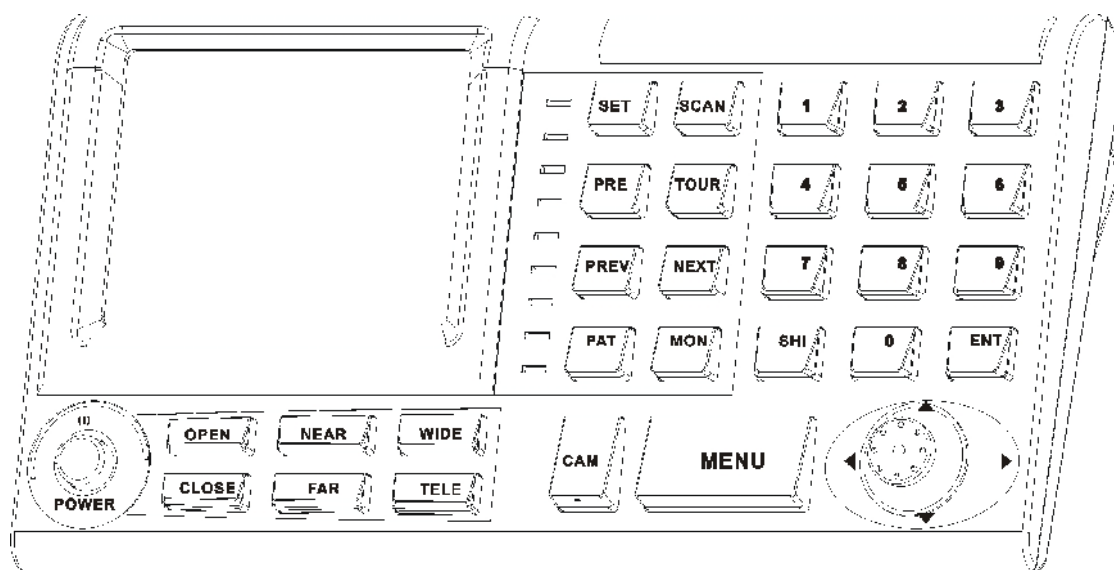


# Keyboard Controller

## Users' Manual



## Contents

1. Summary	4
1.1 Notice	4
1.2 Function & Characteristic	4
1.3 Technical Data	5
2. Keyboard connection	5
2.1.1 RS422 and RS485	5
2.1.2 RJ45 Interface	5
2.2 Connect matrix	5
2.2.1 RJ45 local connect	5
2.2.2 RS422 Long distance connect	5
2.3 Direct connect with Dome	5
2.4 Keyboard connection in the System	6
3. Keyboard operation instruction	8
3.1 Electrify	8
3.2 TFT display screen	8
3.3 Joystick controls dome	8
3.4 Rigger the aim dome	9
3.5 Dome lens control	9
3.6 Set dome function	9
3.6.1 Preset	9
3.6.2 Scan	9
3.6.3 Pattern	9
3.6.4 Cruise	9
3.7 Call dome main menu	9
3.8 Matrix Control	9
3.8.1 Switch dome in order	9
3.8.2 Call matrix main menu	9
3.8.3 Confirm after program	9
3.8.3 Change object monitor	9
4. Keyboard control	10
4.1 Keyboard parameter setup	10
4.1.1 Dome ID setup	10
4.1.2 Keyboard baud rate setup	11
4.1.3 Navigation key adjust	12
4.1.4 Display Keyboard information	12
4.2 Dome setup	13
4.2.1 Pre-set setup	13
4.2.2 Dome Scan setup	14
4.2.3 Pattern setup	14
4.2.4 Tour setup	15
4.3 Protocol setup	15
4.3.1 Pelco matrix model	16
4.3.2 Dome control model	16

4.4 Exit Keyboard menu-----	16
5. Appendix -----	17
5.1 RS485 Bus general knowledge-----	17
5.2 Keyboard shortcut instruction-----	19
6. Keyboard menu index-----	21

# 1. Summary

The keyboard is a universal keyboard of security monitoring series, which can control the ball-type integrated camera of all kinds protocols matrix, which has been equipped with the navigation key which can control the revolving of the camera and the zoom magnification of lens; with the LCD screen and the function of back-light; which can display the current operation order the control protocol name the current dome ID the current monitor ID and the state of joysticks. The user can control the CCTV system more easily with the joystick and the LCD screen.

## 1.1 Notice

Please read the manual carefully and reserve it.

Please advert to the notice in manual.

Please don't place the keyboard in the moist place.

## 1.2 Function and Characteristic

- Rs485 Bus Line, and a keyboard can connect 31 domes at most in the direct control mode.
- can be compatible with all kinds of protocols.
- can control the Iris Focus and Zoom.
- can set and call the preset, run the scanning the pattern and the tour.
- can control the matrix and through which can control the dome indirectly.
- equipped with the navigation key and the larger LCD screen.
- Video out/ in and display
- Infrared ray emission, emission the same data&content as RS485
- Network line test function

## 1.3 Technical Data

Electrical character

Input voltage: 9V-12V DC

Output voltage: 12V DC/500mA

Rating Power: 2.5W

Standby lithium battery: 3.6-4.2 V/3500mAh

Communicate character

Communicate interface: RS485×1, RS422×1,infrared emission

Communicate frequency: 2400、4800、9600、19200bps

Communicate distance: RS485, RS422 can reach 1.2Km

Operational environment

Operating temperature: 0℃~50℃

Relative humidity less than 90%

Physical property

L\*W\*H=210mm\*110mm\*45mm

Weight: 0.365 kg

## 2.Keyboard Connection

There is interface on the back of the keyboard, which equipped with kinds of communication Interface RS422 RS485 , which can connect with and control kinds of peripheral equipments.

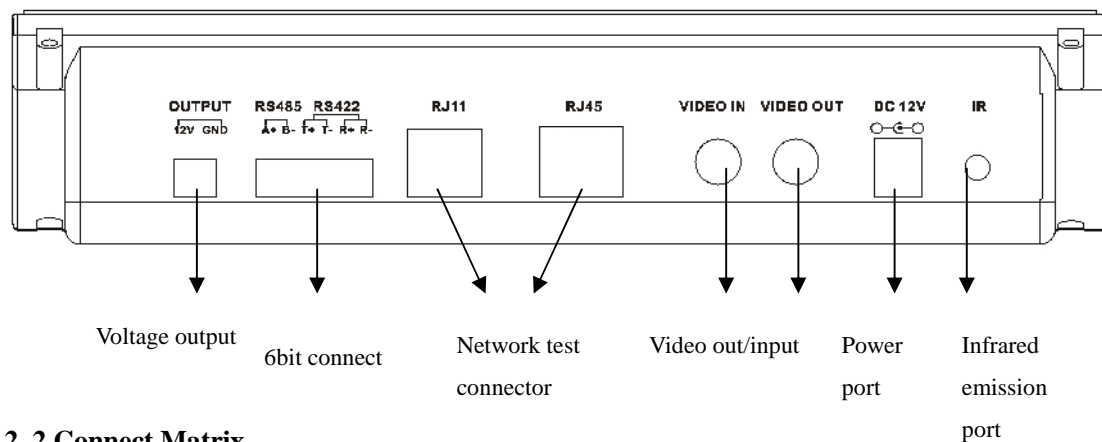
### 2.1.1RS422 and RS485 interfaces

Rs422 and Rs485 interfaces are on the 6bit ribbon cable connection of the keyboard.RS485 A+ B-) can connect with the dome when the keyboard controls the dome directly;RS485 A+B-can connect with DVR or other keyboards when the keyboard controls the dome by matrix; RS422 (T,T) is the signal sending end ,RS422(R,R) is the signal receiving end, both of which can connect with matrix, DVR and so on.

### 2.1.2 RJ45 Interface

RJ45 Interface Standard network cable interface, main for the test of network cable.

2-1.1



## 2. 2 Connect Matrix

### 2.2.1 RJ45 Local Connection

Can control the PELCO CM6700、CM6800matrix。 Follow are the connection way of matrix PELCO CM6700, to show the steps of connection。 Cover board of CM6700 matrix has the interface of RS422 (“REMOTE KEYBOA-RD(s)” ), connect it to the RS422 on the keyboard, longest distance is 1200m.

### 2.2.2 Rs422 long distance Connection

RS422 connection, one side should connect to RS422 interface(on the back board of CM6700) (REMOTE KEYBOARD(s) ), the other end should connect to the RS422 interface on the keyboard. Keyboard interface of RS422 (R+R-) correspondence to the matrix interface RS422 (T+ T-), keyboard interface RS422 (T+ T-) correspondence to the interface RS422 (R+R-)

Attention

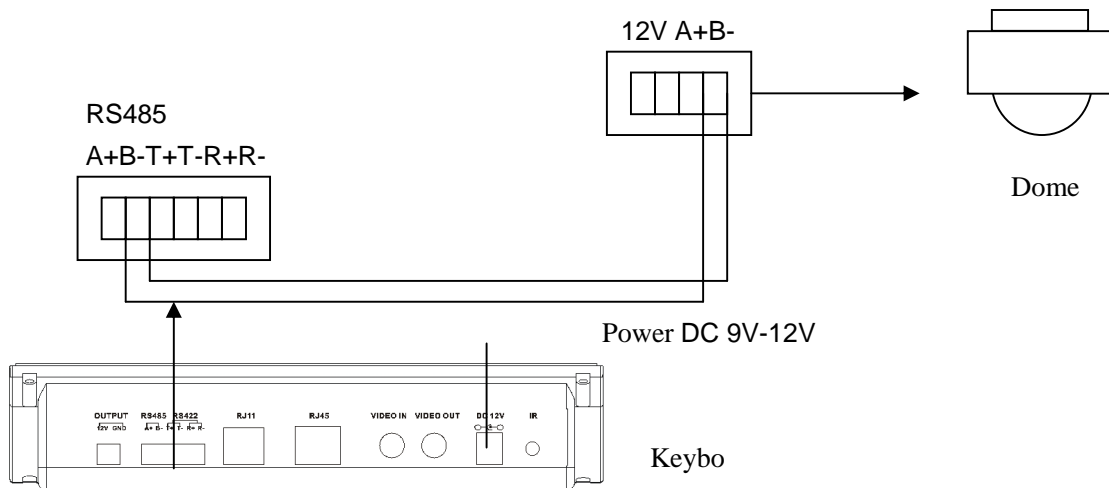
RS422 long distance connect, the longest distance between the keyboard and the matrix is 1200m.

## 2. 3 Direct connect with Dome

Keyboard connect the Dome wit RS485。 The RS485 interface of the Dome is on the commutator of the Dome。 Press the metal button in the hanging frame, open the commutator, will find a 4bit power jack, follow the surface

instruction to find RS485 (A+, B-) follow the instruction. Maybe a different connect way when come from different manufacturer.

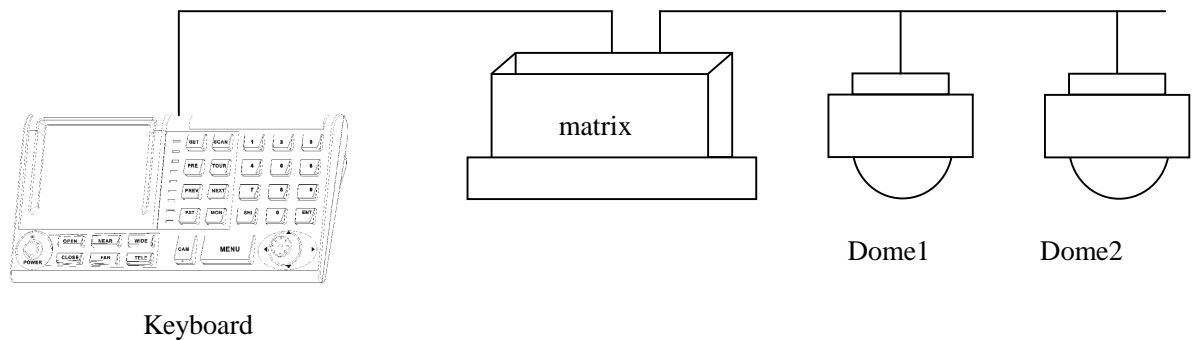
Figure 2-3.1



## 2. 4 Keyboard connection in the system

Indirect control the dome when connect with matrix(as figure 2-4.1). contrariwise will control the domes directly, Parallel connect the keyboard and dome to the bus of RS-485, all the keyboard can control any dome among them, under this way, the add of the main keyboard should be “1” and baud rate should be 9600bps (as figure 2-4.2)

Figure 2 -4.1



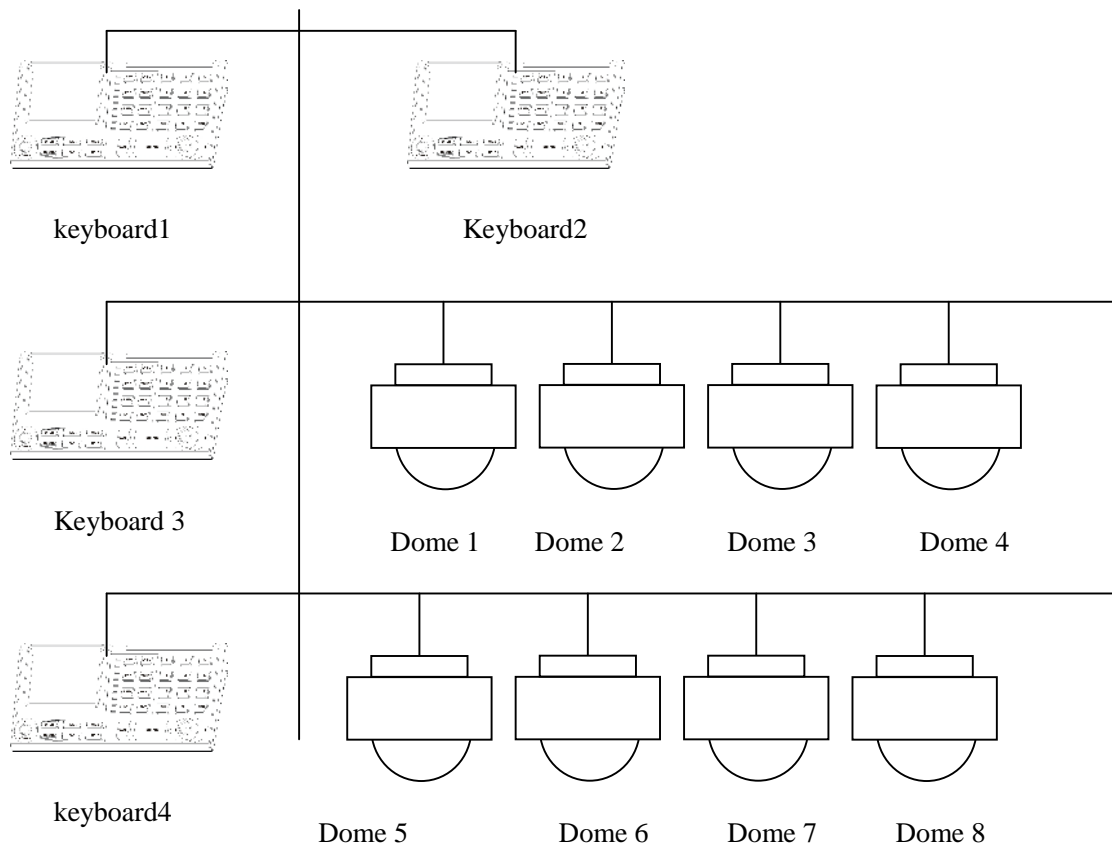
### Caution

1、 the max quantity of master equip and be charged equip controlled by a RS485 bus is, so when use the keyboard

to control direct the max dome quantity is 3

2、 max quantity keyboard in a system is 4,also the 4 keyboards should be different ID

Figure 2-4.2



**3. Keyboard operation instruction**

TFT display screen

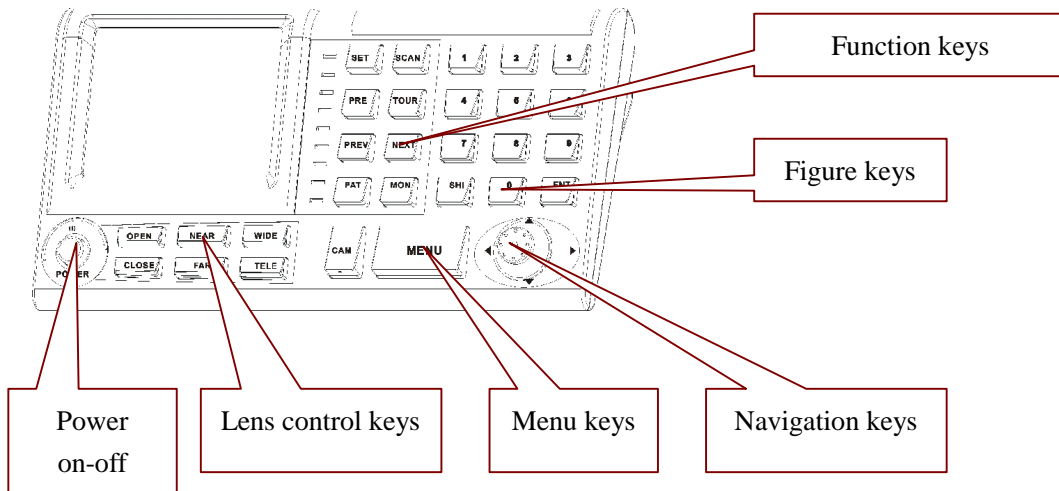


Figure 3-1.1

Attention please because different system have some different special operation ways, so should consider the actual requirement when operation in some special systems

### 3.1 Electrify

Keyboard will self-check, and press MENU to display the detail menu.

Attention

Navigation key should be nil when keyboard is self-checking

### 3.2 TFT display screen

TFT screen display content: aim dome、aim monitor add., baud rate etc.。 at the end of the content will show the keyboard information ,as follows figure show . When operation, TFT back light will on, and will off 15s after stop the operation.

```

Keyboard V 1.00
Keyboard ID: 001
Camera ID: 001
Monitor ID: 001
Protocol : Pelco-d
Baud rate : 2400bps
    
```

Figure 3-1.2

### 3.3 Joystick Controls Dome

Two main function of the navigation key, Zoom and focus, setup the aimed object.

- When for menu setup, Up is for the upper menu, down for the next menu; Right for the sub menu or save the setup; Right for exit.
- Direct proportion between the speed of the Dome and the lean angle of the navigation keys,lange lean angle ,faster rotation speed.

### 3.4 Rigger the aim dome

**【N】 + 【CAM】**

【N】 for Number, input the serial number of the Dome, Press 【CAM】 key to trigger the add of the aim dome.

### 3.5 Dome lens control

#### ●Zoom:

Press 【TELE】, multiple accretion.

Press 【WIDE】 key, multiple minish

#### ●Focus:

Press 【FAR】 key focus for far objects.

Press 【NEAR】 key focus for vicinity objects.

Normally ,Zoom and focus will be adjust auto by the dome, and with the 【FAR】 【NEAR】 to realize the manual zoom and focus

#### ●Iris:

Press 【OPEN】 key, manual Iris accretion,

Press 【CLOSE】 key , manual Iris minish,

### 3.6 Dome function operation

#### 3.6.1 Pre-set

Pre set: 【SET】 + 【N】 + 【PRESET】

Adjust pre set: 【N】 + 【PRESET】

【N】 for the number of the pre-set.

#### 3.6.2 Scan

Left borderline: 【SET】 + 【1】 + 【SCAN】

Right borderline: 【SET】 + 【2】 + 【SCAN】

star: 【1】 + 【SCAN】

Enter the menu to set when need change the scan speed.

#### 3.6.3 Pattern

●design path setup: 【SET】 + 【N】 + 【PATTERN】 +path+ 【SET】 + 0 + 【 PATTERN】

Press 【SET】 key, input the number of design scan (1-4), press 【PATTERN】 key, enter the path setup state, when ending press 【SET】 key first, then press 【0】 key, then 【PATTERN】 key,

●starting the design scan: 【N】 + 【PATTERN】 input the design scan number (1-4), press 【PATTERN】 key to starting,

#### 3.6.4 Cruise

starting: 【N】 + 【TOUR】 / 【TOUR】 cruise number first , then 【TOUR】 key, starting the cruise.

Direct press the 【TOUR】 key when the system only have one cruise .。

### 3.7 Call Dome main menu

【9】 + 【5】 + 【PRESET】: Input 95, press 【PRESET】 key, aim Dome, menu will display on the monitor.

### 3.8 Matrix control

#### 3.8.1 switch dome orderly

The matrix can connect the 16pcs High Speed Dome. All the information like the Series NO, Data and time will display on the monitor while switch the speed dome camera. 【PREV】: switch to previous camera; Press 【PREV】 2 Sec, it will keep switch till the whole 16 high speed dome. Press 【Stop】 to stop the switching. 【NEXT】: back

forward. Press **【NEXT】** it will switch to the next camera; Press **【NEXT】** 2 Sec, it will keep back forward switch till the final 16<sup>th</sup> camera. You can use the **【Stop】** key to stop the operate

### 3.8.2 Call matrix main menu

**【SHIFT】 + 【SET】**: Call the main menu, the menu will display on the object monitor. How to ue the keyboard Setting the matrix? Pls refers the matrix operate manual.

### 3.8.3 Confirm after program

**【ENTER】**: after the matrix is programmed, press **【ENTER】** , reflects confirm after program. As for the detail program, please refer to the matrix operation manual.

### 3.8.4 Change object monitor

**【N】 + 【MON】** Input the monitor ID, then press **MON** the image and the menu of the dome that you controlled by keyboard will display in the object monitor

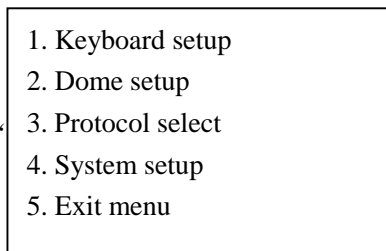
#### 4、Keyboard menu control

##### ●Keyboard parameter set up

Turn on the power and press the **【MENU】** , the system information will display on the screen, like the picture(4.1-1), press again the system information will disappear. You can do all the keyboard operation while in the standby condition or the system information display condition.

1. Press **【MENU】** and hold on 2 sec, you will enter the main menu as the picture (4.1.1-1)show. All the menu setting need enter the main menu and use the correspond NO or the Joy calibrate to move UP and DOWN.

While you find the item you need, you can press the middle of the controller to enter.



Picture 4.1-1

##### ● Save the setting

After setting the function you need, press **【ENTER】** to save the setting. After finishing the setting, the TFT will display “Success” .

##### ● Back to Previous menu

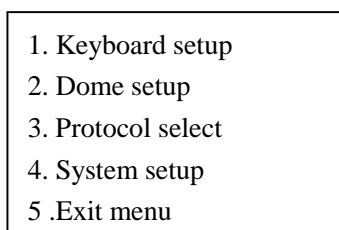
Press the **【PREV】** key to back to the previous menu.

#### 4.1 Keyboard parameter setting

##### 4.1.1 Dome ID set up

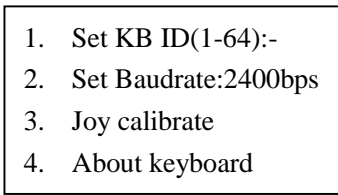
1、Enter the main menu

TFT will display (picture4.1.1-1)



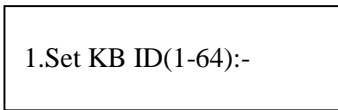
Picture4.1.1-1

2、 Press **【1】** to select the keyboard setting as TFT(Picture4.1.1-2)



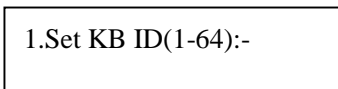
Picture 4.1.1-2

3、 Press **【1】** again will show the picture(Picture4.1.1-3)



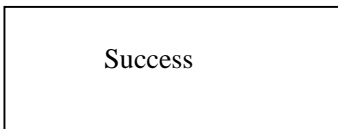
Picture4.1.1-3

4、 Press **【1】** to select the ID Setting (Picture4.1.1-4)



Picture 4.1.1-4

Use the NO keyboard to select the camera ID in the range (1-64); And then press the **【Enter】**to save, the screen will display Success as picture( 4.1.1-5).



Picture4.1.1-5

If the NO you input outside the range1~64, it will display Error as picture (4.1.1-6) .



Picture 4.1.1-6

5、 Press **【PREV】** or use the shake toward to LEFT to back to previous menu.

Warning::

The camera ID default is 1 while delivery. If use the single keyboard to work, it must set to ID 1. Multi keyboard at most is 4 keyboards, and it must has one keyboard ID is ID1, otherwise all the keyboard can not work. And the TFT will show as picture (4.1.1-1)

#### 4.1.2 Keyboard Baud Rate Setting

Enter the main menu as the TFT picture (4.1.1-1) show..

Press **【1】** will show on the TFT as picture (4.1.1-2)

Press **【2】** select the Baud Rate setting, as Picture(4.1.2-1)



Picture 4.1.2-1

2400bps\4800bps\9600bps\19200bps is available, You can select the Baud rate you need and press the **【ENTER】**

to save. If you operate success, the screen will show “Success” .

Press **【PREV】** or use the shake toward to LEFT to back to previous menu.

Warning:

If connect to the matrix, it must select the 9600bps. And is multi keyboard to work, it must use 9600bps or 19200bps

### 4.1.3 Navigation key adjust

After enter the menu, you can see the information as picture 4.1.1-2

Press **【4】** to see the keyboard information as picture (4.1.4-1) .

Version: 1.00  
KB ID: 001  
Protocol: Pelco-d  
Baudrate:2400bps

Picture4.1.4-1

Press **【PREV】** or use the shake LEFT back to previous menu.. The keyboard menu will display all the keyboard setting information; include the keyboard model, keyboard ID, Protocol and the Baud rate.

## 4.2 Dome set up

### 4.2.1 Preset set up

Enter the main menu as picture (4.1.1-1) and press **【2】** to enter the dome setting menu as picture (4.2.1-1);

This part you can set the follow function: Preset, Scan, Pattern, Tour.

1. Set dome preset
2. Set dome scan
3. Set dome pattern
4. Set dome tour

Picture4.2.1-1

Press **【1】** enter the dome Preset function setting as picture (4.2.1-2)

1. Save preset
2. Show preset
3. Clear preset

Picture 4.2.1-2

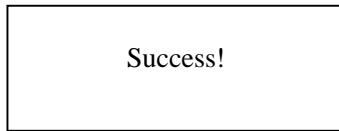
Item 1 : Save preset; item 2 : Show the preset; Item 3: clear the preset

Press **【1】** enter the preset, you can input the preset NO as picture (4.2.1-3) show.

Preset num: \_\_\_\_\_  
(1-128)  
Press PREV to back

Picture 4.2.1-3

After enter the preset menu you can use navigate key control the dome directly, and input the preset NO to save as the picture 4.2.1-4 show. And on the TFT screen will display SUCCESS.



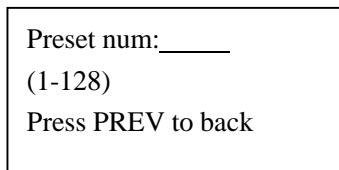
Picture 4.2.1-4

Press **【Prev】** back to previous men.

Warning:

While enter the dome preset menu, the keyboard navigate keyboard can directly control the dome and lens control zone also can control the dome's lens.

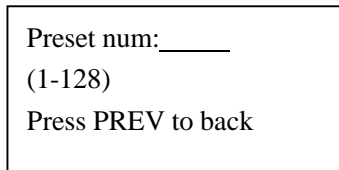
Press **【2】** enter the "Show the preset" menu as picture 4.2.1-5



Picture 4.2.1-5

Input the Preset NO and press the **【ENTER】** to call it, and the TFT will display "Success" . Use the navigate Key or **【PREV】** back to previous menu.

Press **【3】** enter the "clear the Preset" to clear preset information as picture 4.2.1-6 show.



Picture 4.2.1-6

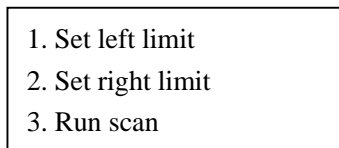
Input the PRESET NO which you want to clear, and press the Enter to clear it, and it will show "Success" and back to previous men.

#### 4.2.2 Dome Scan set up

Enter the menu like picture (4.1.1-1)

Press **【2】** enter the dome setting menu as the picture (4.2.1-1);

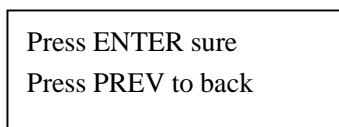
Press **【2】** again to enter the dome scan setting as picture 4.2.2-1;



Picture4.2.1-1

Dome scan setting include the: Left limit, Right Limit and Run scan

Press **【1】** to set the Left limit as picture 4.2.2-2 show.



Picture 4.2.2-2

While enter the dome limit setting menu, move the dome to the suitable position, and press【Enter】to save and will show “Success” and back to previous menu.

Select the item 2 to set the Right limit, and do the same as the left limit setting,  
Back to the menu and press 【3】 to operate the Run Scan.

Warning:

After entering the dome scan menu, the keyboard can directly control the dome and lens control zone also can control the dome’s lens.

### 4.2.3 Pattern set up

Enter the menu as the picture (4.1.1-1)

Press 【2】 enter the dome setting menu as the picture (4.2.1-1);

And then press 【3】 enter the pattern setting as picture 4.2.3-1 show

1. Pattern num: \_\_
2. Set pattern
3. Run pattern

Picture4.2.3-1

After enter the menu, the system need input the pattern information you want, you can put in the NO1~4 and Press the 【ENTER】. The mouse will skip to the next item auto to set the second patter you need. If you already have it, you can skip it and select the 【3】 to run the pattern directly.

Pattern setting: After enter the pattern setting menu, move the dome do the suitable position and press the 【1】 to start record the scan track. The screen will display “Start ……”, like the picture4.2.3-2. Press “0 ” to finish the scan record, and the screen will show “Success” and back to the previous menu.

- Press 1 to start
- Press 0 to start
- Press PREV to back

Picture 4.2.3-2

Warning:

After entering the dome pattern, the keyboard can directly control the dome and lens control zone also can control the dome’s lens.

### 4.2.4 Tour set up

Press 【2】 enter the dome setting menu, as the picture 4.2.1-1 show,

And then press 【4】 enter the tour setting as the picture 4.2.4-1 show.

1. Tour num: \_\_
2. Insert preset
3. Run tour

Picture 4.2.4-1

After enter the menu, you need input the TOUR information, the range you can put is 1~6, and press the **【ENTER】**. The mouse will auto skip to the second TOUR setting. If you have already set it, you can skip it. And it will show the “Success” and back to the previous menu.

Select the Item 2 as picture (4.2.4-2), you need input the tour preset, and in the second item you need put in the speed information, the range is (1-127); In the third item you need input the time how long it need to stop, the range is (1-255). After finishing all the step, press the **【ENTER】** and will display “Success” and back to previous menu.

1. Preset num: _____
2. Speed : _____
3. DWell : _____

Picture 4.2.4-2

Press **【3】** Run the TOUR

Warning:

Insert the tour can not work now
----------------------------------

### 4.3 Protocol set up

Enter the menu as picture (4.1.1-1), Press **【3】** enter the Protocol setting as picture (4.3-1)

1. Matrix
2. Dome

Picture 4.3-1

#### 4.3.1 Pelco Matrix model

Press **【1】** enter the PELCO Matrix model as the picture (4.3.1-1);

And then press the **【ENTER】** to select the Protocol and back to previous menu.

1. Pelco Matrix
-----------------

Picture 4.3.1-1

#### 4.3.2 Dome control model

Press **【2】** enter the dome control model as the picture (4.3.2-1).

According to the user’s need, select the suitable PROTOCOL and back to the previous menu.

1.Factory
2.Pelco-P
3.Pelco-D

Picture 4.3.2-1

### 4.4 Exit keyboard menu (can select the key4) as picture 4.4

1.System mode:	PAL/NTSC
2.IR Function:	ON/OFF
3.Screen time/s:	000~255
4.LCD Backlight:	000~100
5.Color Bar:	ON/OFF
6.Brightness:	000~255
7.Contrast:	000~255
8.Saturation:	000~255
9. Language	CHN/ENG
10.Init System:	ON/OFF

Picture 4.4

Enter the menu as picture (4.2.1-1) and press the **【5】** to exit the menu.

5. Appendix

5.1 RS485 Bus Basic Knowledge

●RS485 Bus Basic Character

According to RS485 industrial standards, RS485 Bus is of half-duplexed data transmission cables with characteristic impedance as 120. The maximum load capacity is 32 unit loads (including main controller and controller equipment)

● Distance of RS485 bus transmission

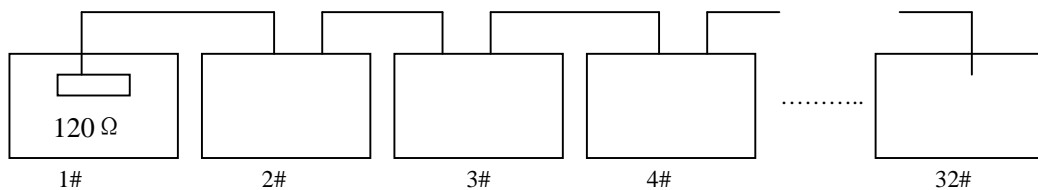
While use the 0.56mm (24AWG) twisted cable as the communication, the farthest distance it can reach as follow based on the different Baud rate:

Baud rate	Farthest Distance
2400bps	1800M
4800bps	1200M
9600bps	800M
19200bps	600M

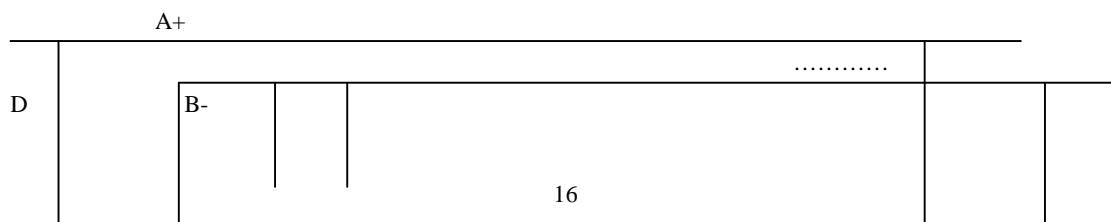
If user selects thinner cables, or installs the dome in an environment with strong electromagnetic interference, or connects lots of equipment to the RS485 Bus, the maximum transmitting distance will be decreased. To increase the maximum transmitting distance, do the contrary.

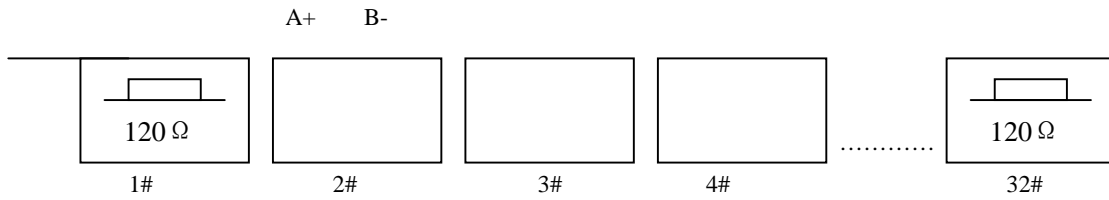
● Connection and terminational resistance

The RS485 standards require a daisy-chain connection between the equipment. There must be termination resistance with 120 impedance at both ends of the connection (refer to picture 4-1.1).Please refer to picture 4-1.2 for simple connection But “D” should not exceed 7m.



Picture 4-1.1



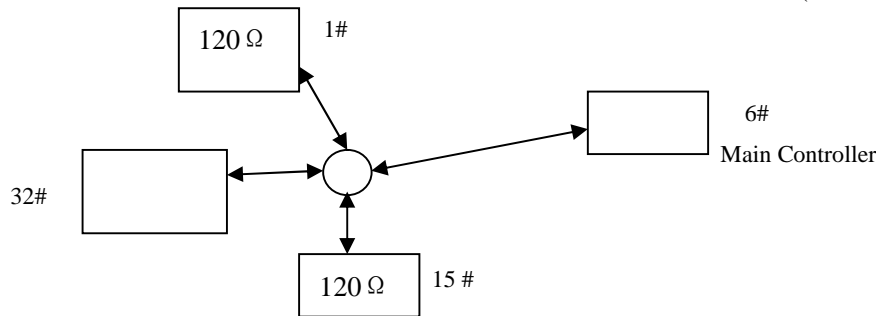


Picture 4-1.2

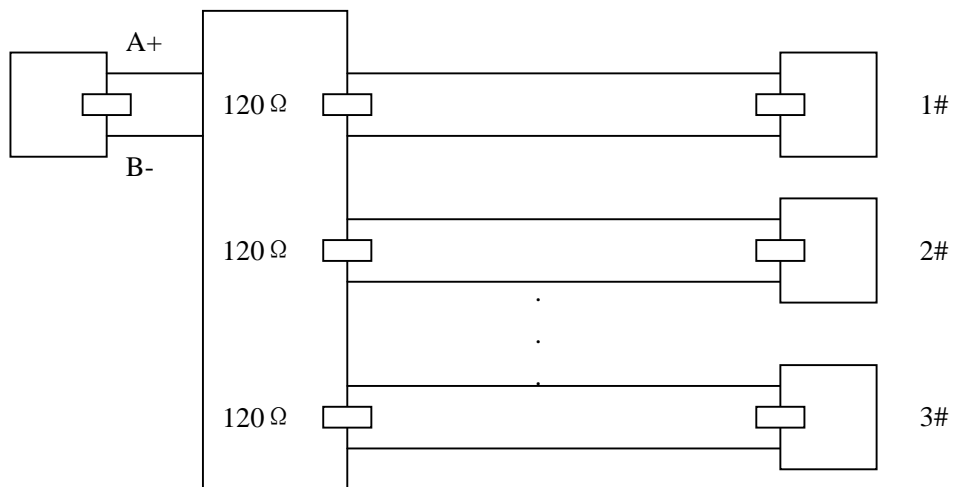
● **Problems in practical use**

In some circumstances user adopts a star configuration in practical connection. The termination resistors must be connected to the two equipments that are father away from each other, such as equipment 1# and 15# (refer to picture 4-1.3). As the star configuration is not in conformity with the requirements of RS485 standards, problems such as signal reflections, lower anti-interference performance arise when the cables are long in the connection. The reliability of control signals are decreased with the phenomena that the dome dose not responds to or just responds at intervals to the controller, or dose continuous operation without stop.

In such circumstances the factory will recommends the usage of Rs485 distributor. The distributor can change the star configuration connection to the mode of connection stipulated in the RS485 standards. The new connection achieves reliable data transmission (refer to picture 4-1.4)



Picture 4-1.3



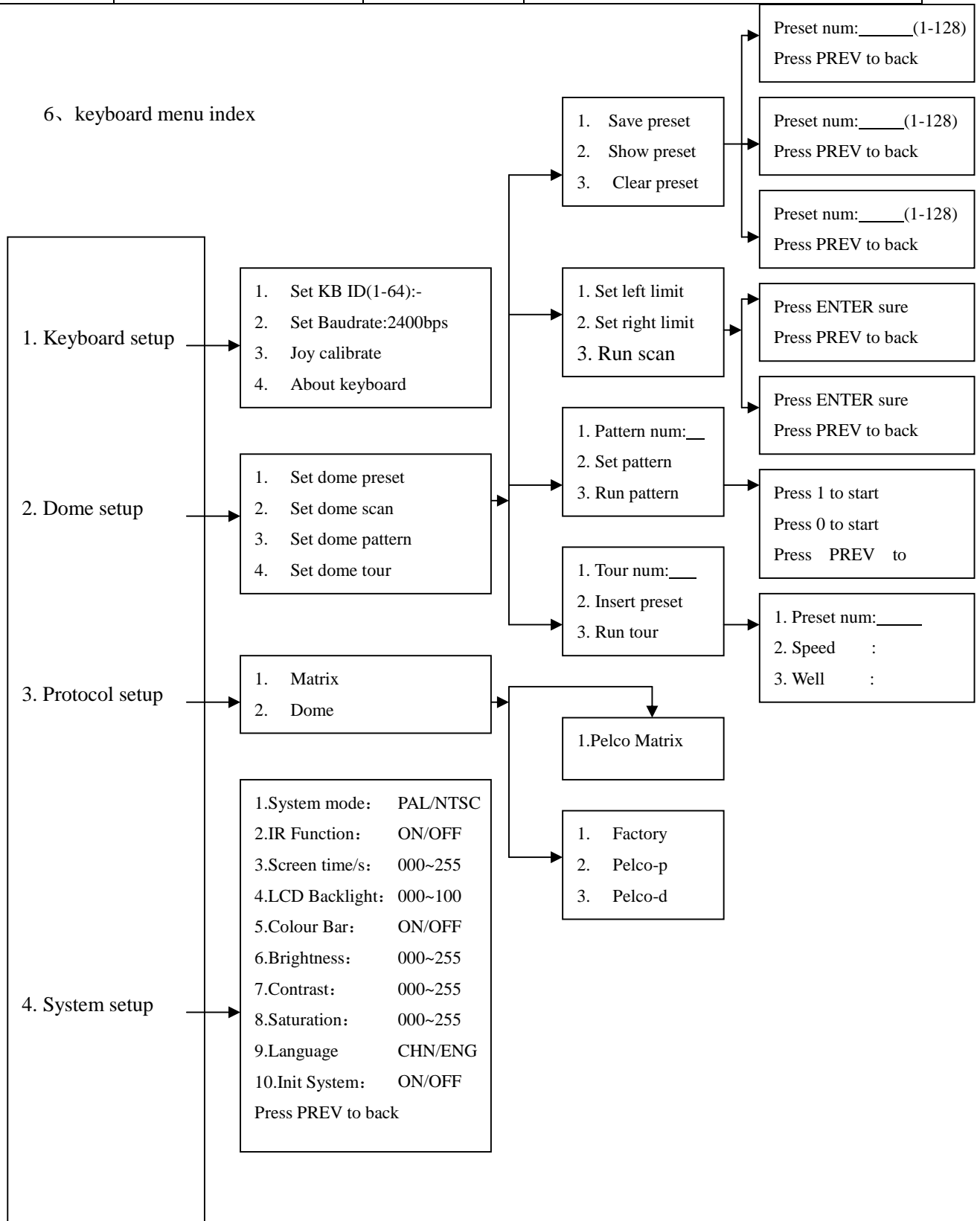
Picture 4-1.4

## 5.2 Keyboard shortcut operation manual

Working Mode	shortcut	Operation object	Function
Direct Control Mode and PELCO Matrix Mode	<b>【POWER】</b>	Keyboard	ON/OFF
	<b>【MENU】</b>	Keyboard	System information display
	<b>【N】 + 【CAM】</b>	High speed dome	Input Dome ID, press <b>【CAM】</b> to select object dome.
	<b>【TELE】</b>	High speed dome	Press <b>【TELE】</b> , increase the multiple of lens
	<b>【WIDE】</b>	High speed dome	Press <b>【WIDE】</b> , reduce the multiple of lens
	<b>【FAR】</b>	High speed dome	Press <b>【FAR】</b> , far focus
	<b>【NEAR】</b>	High speed dome	Press <b>【NEAR】</b> , near focus
	<b>【CLOSE】</b>	High speed dome	Press <b>【CLOSE】</b> , reduct iris
	<b>【OPEN】</b>	High speed dome	Press <b>【OPEN】</b> , increase Iris
	<b>【SET】+【N】+【PRESET】</b>	High speed dome	Adjust the image to object position, Press <b>【SET】</b> to input the preset, and press <b>【PRESET】</b> to set the preset
	<b>【N】 + 【PRESET】</b>	High speed dome	Input preset ID, press <b>【Preset】</b> to call the preset
	<b>【SET】 + 【1】 + 【SCAN】</b>	High speed dome	Adjust the image to object position, press Set to input <b>【1】</b> ,then press Scan to set <b>【scan】</b> left limit.
	<b>【SET】 + 【2】 + 【SCAN】</b>	High speed dome	Adjust the image to object position, press Set to input <b>【2】</b> , then press <b>【Scan】</b> to set scan right limit.
	<b>【1】 + 【SCAN】</b>	High speed dome	Input <b>【1】</b> , press <b>【Scan】</b> to run scan.
	<b>【 SET 】 + 【 N 】 + 【PATTERN】</b>	High speed dome	Press <b>【Set】</b> to input pattern number, press <b>【Pattern】</b> to record pattern path.
	<b>【 SET 】 + 【 0 】 + 【PATTERN】</b>	High speed dome	Press <b>【SET】</b> and input0, Press <b>【PATTERN】</b> to save path
	<b>【N】 + 【PATTERN】</b>	High speed dome	Input the pattern path (1-4), Press <b>【PATTERN】</b> to start pattern
	<b>【N】+ 【TOUR】/【TOUR】</b>	High speed dome	Input the TOUR NO, press <b>【TOUR】</b> or directly press <b>【TOUR】</b> to start the Tour
	<b>【9】 + 【5】 + 【PRESET】</b>	High speed dome	Input 95 and press <b>【Preset】</b> to call the menu
<b>【SHIFT】 + 【SET】</b>	Matrix	Press <b>【SHIFT】</b> and <b>【SET】</b> to call the matrix menu	

【PREV】	Matrix	Press 【PREV】 skip to the previous dome, hold on 2sec on 【PREV】 to continuously skip the sixteen domes of connection matrix forwards
【NEXT】	Matrix	Press 【NEXT】 skip to the previous dome, hold on 2sec on 【NEXT】 to continuously skip the sixteen domes of connection matrix backwards
【Stop】	Matrix	Stop switch
【ENTER】	Matrix	After program, press 【Enter】 to confirm. ◦
【N】 + 【MON】	Matrix	Input monitor ID, press 【Cam】 to select object monitor

### 6、keyboard menu index



5. Exit menu



keyboard	V1.00
Keyboard	ID: 001
Camera	ID: 001
Monitor	ID: 001
Protocol	: Pelco-d
Baud rate	: 2400bps