Sunba PTZ Controller 3D Keyboard Quick Start Guide
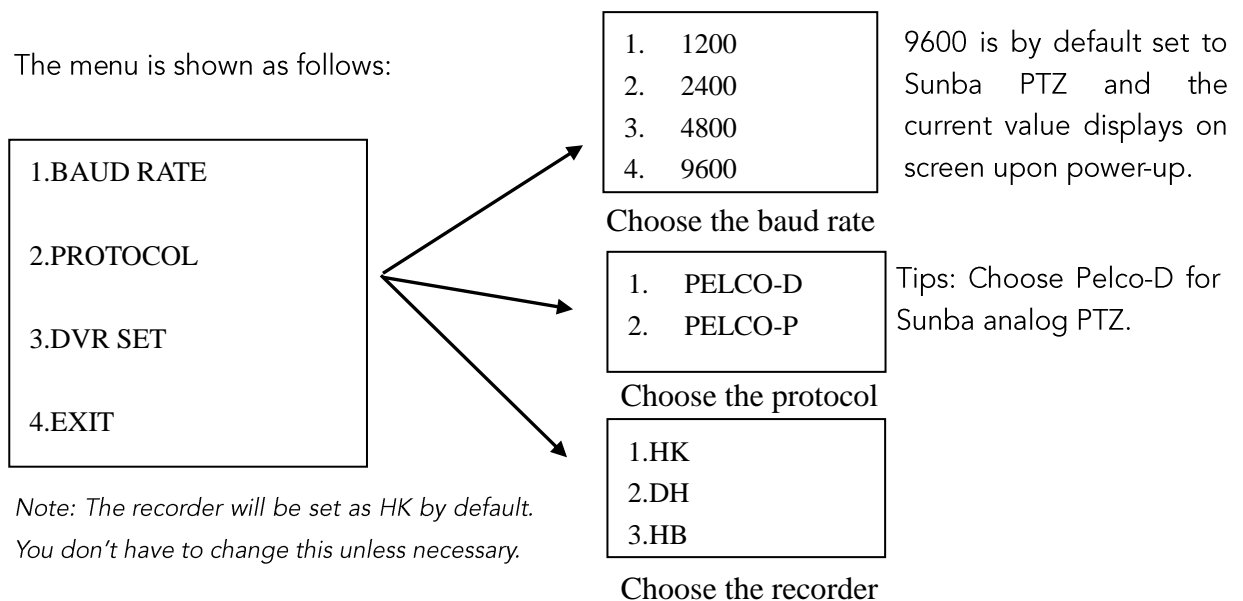
Warning: Voltage reaches the joystick cannot exceed 9V. Overpower will immediately damage the keyboard and void the warranty.

Step by Step Video Tutorial: analog.sunba.net   **Turn Buzzer Off:** 66+PGM

Please first be familiar with the operations of devices connected to this keyboard such as PTZ camera. To use the keyboard, please set the same **1) baud rate, 2) protocol and 3) address bit** as the corresponding PTZ camera on the keyboard menu. Please use **"0~255+ CAM"** to match the address bit of the camera in keyboard. For Sunba cameras, the default address bit of the camera is 1 (so you will need to **press 1 + CAM**); for Sunba cameras, upon power on, the video will display its current address.

Press "MENU" button to enter the keyboard menu. Manipulate the rocker to choose the corresponding menu. Press the "EXIT" button to exit the menu. Note: For the rocker, use upward and downward to choose the menu, left to return to main menu and right to confirm.
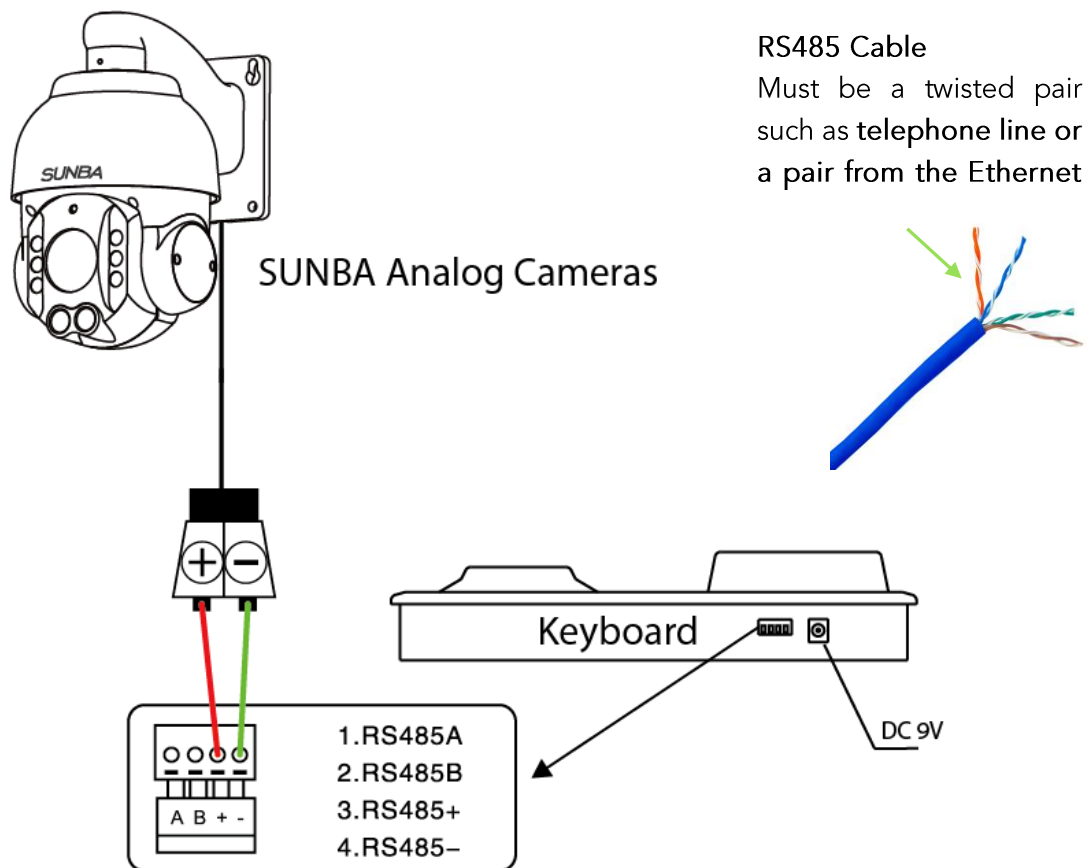
The menu is shown as follows:

1. 1200
2. 2400
3. 4800
4. 9600

Choose the baud rate

9600 is by default set to Sunba PTZ and the current value displays on screen upon power-up.

1.BAUD RATE
2.PROTOCOL
3.DVR SET
4.EXIT

Note: The recorder will be set as HK by default. You don't have to change this unless necessary.

1. PELCO-D
2. PELCO-P

Choose the protocol

Tips: Choose Pelco-D for Sunba analog PTZ.

1.HK
2.DH
3.HB

Choose the recorder

Keyboard Main Function

Command	Corresponding keyboard operation
Set Preset	N+PRESET (N means number)
Call Preset	N+CALL
Clear Preset	N+PRESET(long press 3s)
Auxiliary Switch ON/OF	AUX
Buzzer ON/OFF	66+PGM
Set 1200 BAUD RATE	12+PGM
Set 2400 BAUD RATE	24+PGM
Set 4800 BAUD RATE	48+PGM

Set 9600 BAUD RATE	96+PGM
Set PELCO-D Protocol	44+PGM
Set PELCO-P Protocol	50+PGM
Set Address Bit	0~255+CAM
PZT Auto Scanning Start	ESE
PZT Auto Scanning Stop	ESE/Shaking the rocker
PTZ Manual Operate 1	Rocker control(The greater tilt angle is, the greater the mobile speed)
PTZ Manual Operate 2	PAN+2/8/4/6(The upper and lower left scanning, stop scanning when release ,press PAN to exit
Lens aperture open/close	OPEN/CLOSE
Lens focusing	NEAR/FAR
Lens close-up/long-range shooting	TELE/WIDE

Wiring & Connection:

You do not have to connect the RS485 between DVR and camera if you only wish to control the camera using the keyboard. For any questions, don't hesitate to reach support@sunba.net