

5820B Keyboard Control PTZ Guide

Tiandy Technical Support Team 25/08/2020

Description

Manual to introduce how to use 5820B Keyboard control PTZ.

Prerequisites

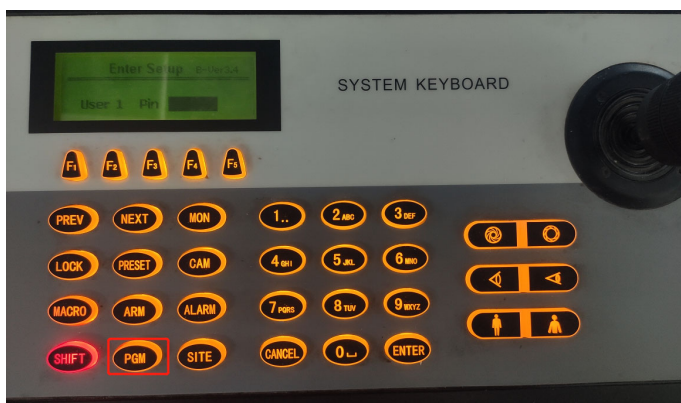
- 5820B Keyboard
- PTZ

Set up steps

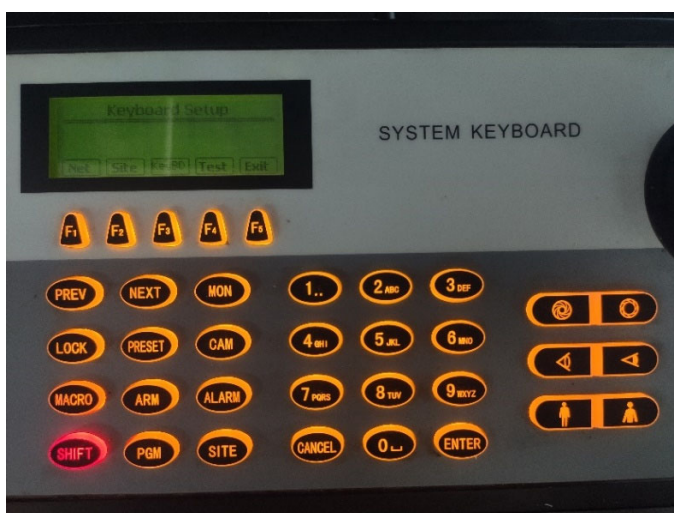
1. Enter Keyboard Settings

(1) Press **【PGM】** button; then Power on. Then you can see the Keyboard setup login interface.

(2) Keyboard supports 4 users (user ID is 1, 2, 3, 4), 6-digit password and default password is 000000.



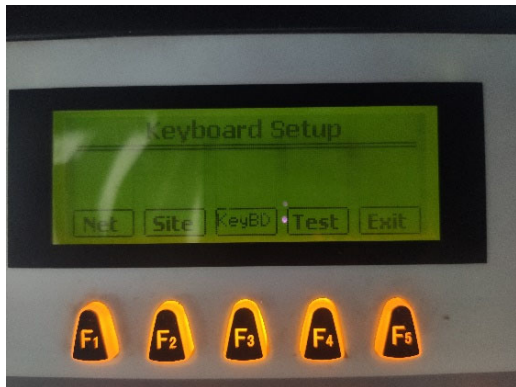
(3) After input the username and password. Press **【ENTER】** , and you can see the setup menu.



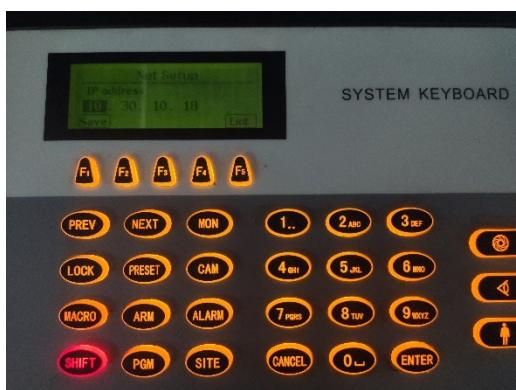
2. Network Property Setup

The soft keys icon displayed in the keyboard LCD are correspond with the shortcut key **【F1】** ~ **【F5】** in the keyboard.

(1) So Press F1 <NET> into network property setting to set the keyboard's **IP address, subnet mask code, gateway, MAC address.**



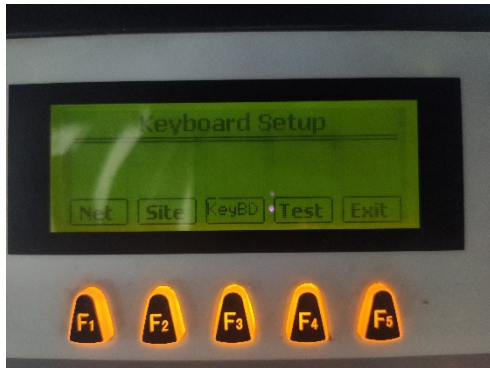
(2) Press the corresponding soft key into modify interface, and press number key to change the value of cursor position. Press **【PREV】** key to move the focus forward, press **【NEXT】**, **【ENTER】** keys to move the focus back. Press <Exit> key to return the previous menu.



(3) Press <Save> key after achieving modifications. After the keyboard show return prompt information, press **【ENTER】** or <Exit> key to return.

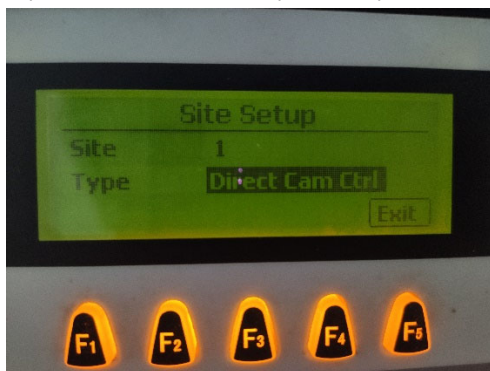
3. Device Property Settings.

(1) Press F2/Site key into the device property setting interface.



(2) Every keyboard support to control 10 devices maximum (device ID:1-10), every device can be set any one of "No device" "Matrix" "Front direct control" "DVR".

Input ID in the device input box, press **【ENTER】** to confirm.

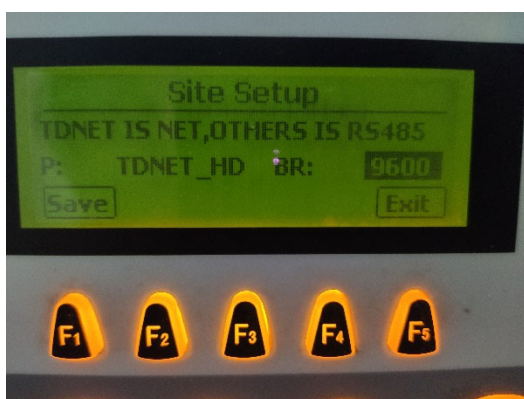


Press **【PREV】**, **【NEXT】** key in the type selection input box to select to control device, press **【ENTER】** to confirm, and into corresponding device property setting interface.

To control PTZ directly, we set the Type: **Direct Cam Ctrl**.

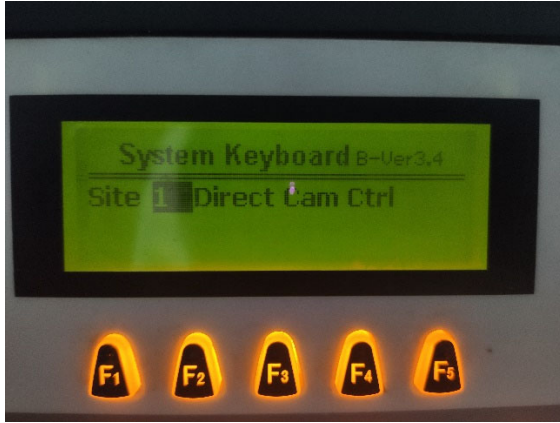
(3) To control PTZ directly, we set the Protocol Type: **TDNET_HD**, Bitrate: **9600**

Press <Save> key after achieving modifications. After the keyboard show return prompt information, press **【ENTER】** or <Exit> key to return.

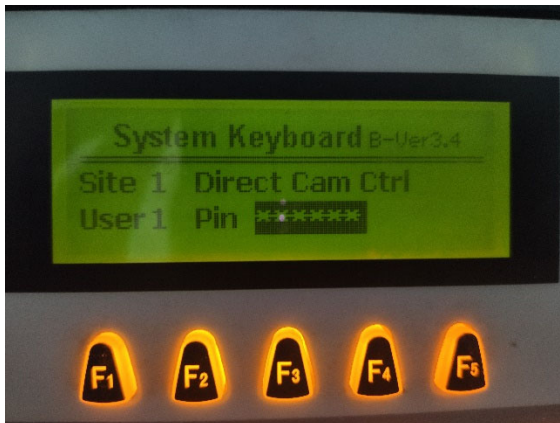


4. Add the PTZ IP address information to the keyboard.

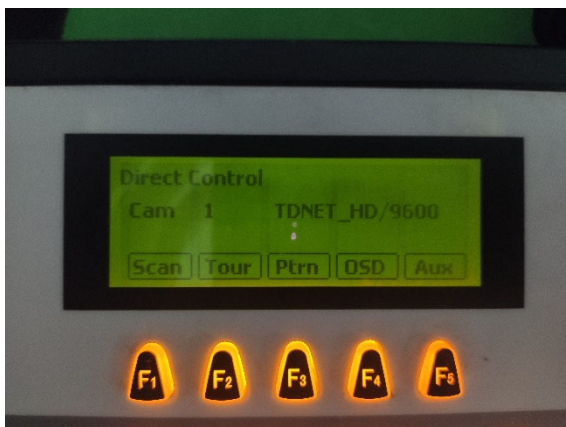
(1) Power off and power on the Keyboard.



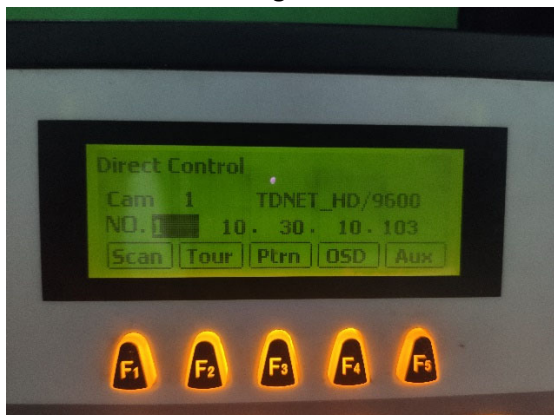
(2) Press **【ENTER】**, Input the username: 1 and password: 000000 (default)



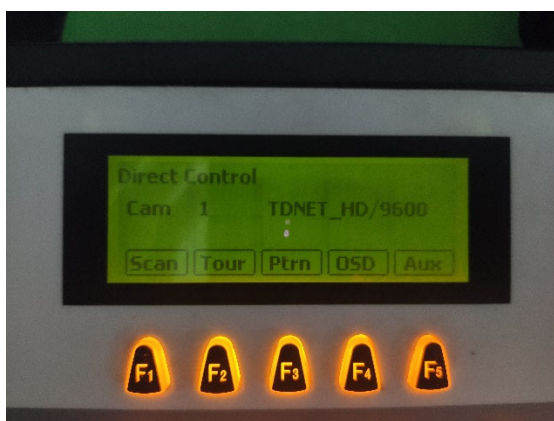
(3) Then you can see the control menu of PTZ.



- (4) Press **【Shift】** + **【Site】** , and input the IP address of PTZ. After setting, Press **【Shift】** + **【Site】** to exit setting.



5. Common operations:



1. Camera Switch

Intelligent network keyboard support multi-way to switch current cameras.

- (1) Input camera ID directly, and press **【CAM】**
- (2) Input camera ID directly, and press **【ENTER】**
- (3) Press **【PREV】** / **【NEXT】** to switch forward and backward

2. PTZ control: Move the joystick can control the direction of PTZ, speed grade is 0-63, and the keyboard LCD will display the deviation value of current joystick three-dimension direction. Through the camera key can control the camera operation of zoom, focus, iris.

3. Preset location operation: In the current camera ID, press number key and press **【PRESETkey】** to call the preset location, the preset location address range is 1-255.

Press number key and press **【SHIFT】** + **【PRESET】** key to edit the preset location of this camera current scene.

4. Auto scan operation: press any number, press **【scan】** to call it. Total 8 auto scan (number 1-8) . Press **【scan】** to enter auto scan settings.

5. Modify auto scan NO.: press number, and press **【ENTER】**

Set left limit: move speed dome to the position, press <left limit>

Set right limit: move speed dome to the position, press <right limit>

Set scan speed: press number, press <speed> (range 1-30)