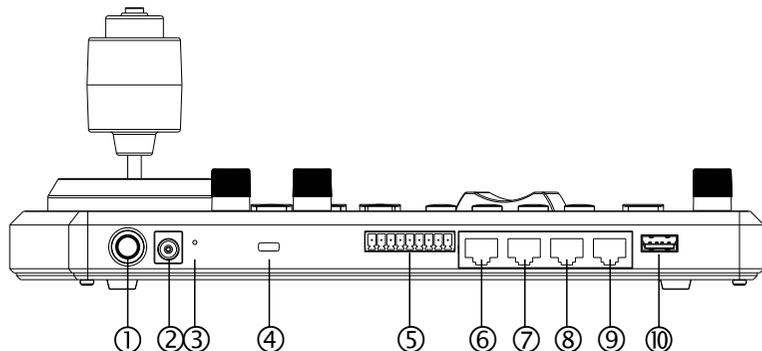


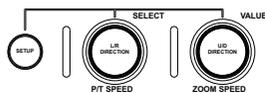
VS-KB30 Installation Guide

1. I/O Introduction



- | | |
|--------------------------|----------------------------------|
| 1 Power Button | 6 RS232 Port |
| 2 12V DC power supply | 7 IP Port |
| 3 Firmware Update Button | 8 RS422 Port(B Set) |
| 4 Anti-theft Slot | 9 RS422 Port(A Set) |
| 5 Tally Port | 10 USB Port(for firmware update) |

2. Button Setting Instructions



- SETUP : Keyboard Function Setting
- P/T SPEED

- Rotate: Move the pointer
- Press: Access selections
- Hold down: Joystick switch left/right (Press for 3 seconds)

- ZOOM SPEED

- Rotate: Select parameters
- Press: Save parameters
- Hold down: Joystick switch up/down (Press for 3 seconds)

3. Initial setting

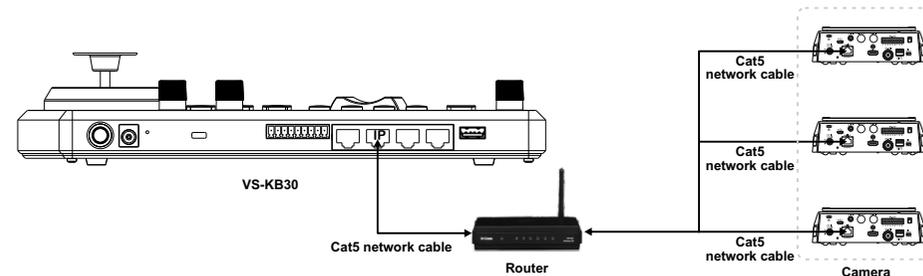
- 3.1 Connect the DC 12 V / 3 A power supply to the power port.
- 3.2 Use the network cable (CAT5 or CAT6) to connect the IP port on the back of the keyboard to the local area network (LAN).
- 3.3 Press the power button to turn on the VS-KB30.

4. Camera Setting

>CAMERA SETTING KEYBOARD SETTING EXIT	>CAM001 TITLE:- Protocol: VISCA EXIT
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- 4.1 Press [SETUP]=>[CAMERA SETTING] enter setting mode
- 4.2 Instruction on Setting
 - 4.2.1 CAM : Set camera numbers, from 001 to 255
 - 4.2.2 Title : Camera name, using letters and symbols on the keyboard to name the camera
 - 4.2.3 Protocol : Camera communication method, selecting from VISCA, VISCAIP, PELCO-P, PELCO-D

5. How to Connect IP

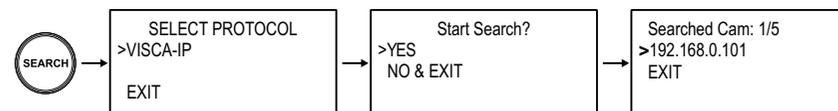


5.1 Set VS-KB30 IP address

- Press SETUP and select [KEYBOARD SETTING]=[IP CONFIGURATION].
- Type select STATIC or DHCP.
- IP Address If select STATIC, use P/T SPEED to choose the location, input IP address via numbers on the keyboard. Last, press ZOOM SPEED to save and exit.

5.2 Add Cameras

5.2.1 Automatic Search



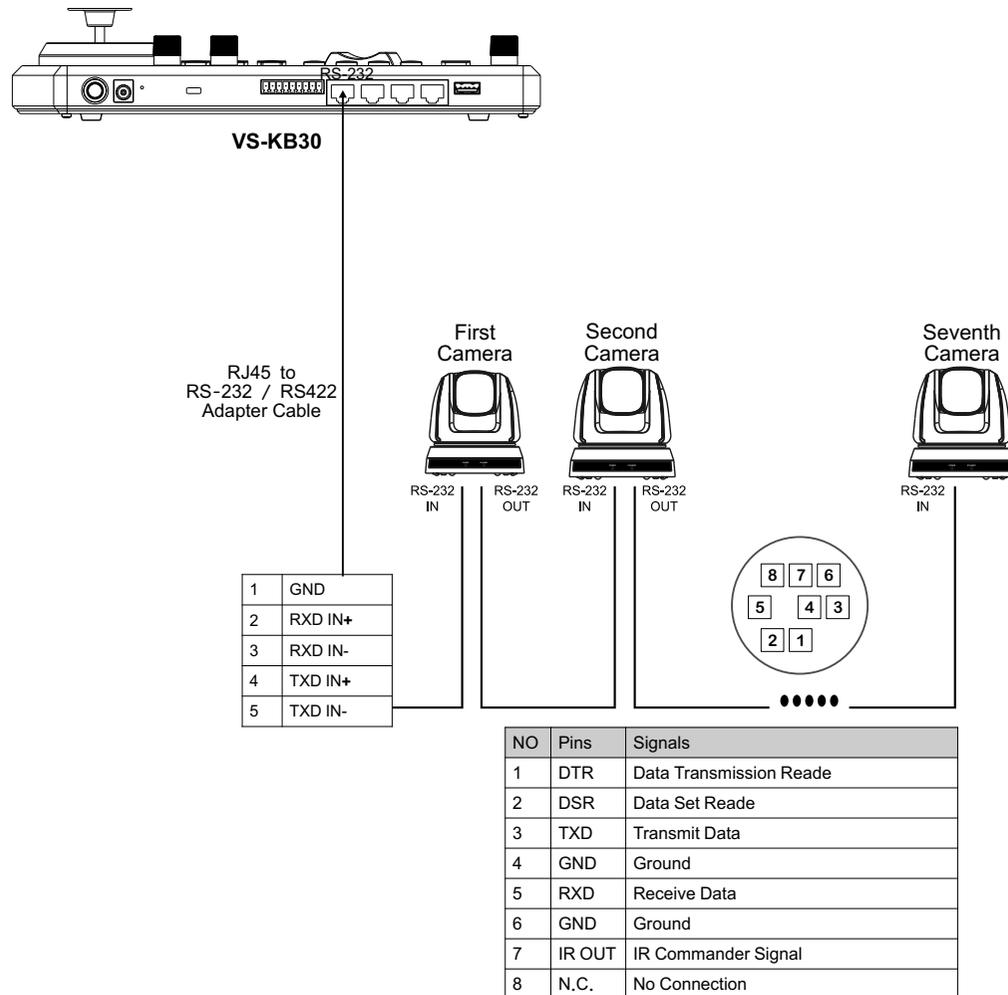
- Press SEARCH
- Select VISCA-IP
- *VISCA-IP : Search available VISCA over IP cameras on the internet
- Select the target camera; set the CAMID and Title for the camera
- Press ZOOM SPEED to save; then press EXIT to exit

5.2.2 Manual Add

- Press SETUP, and select [CAMERA SETTING]
- Set CAMID and Title
- Protocol Select VISCA-IP and set the camera IP address
- Press ZOOM SPEED to save; then press EXIT to exit

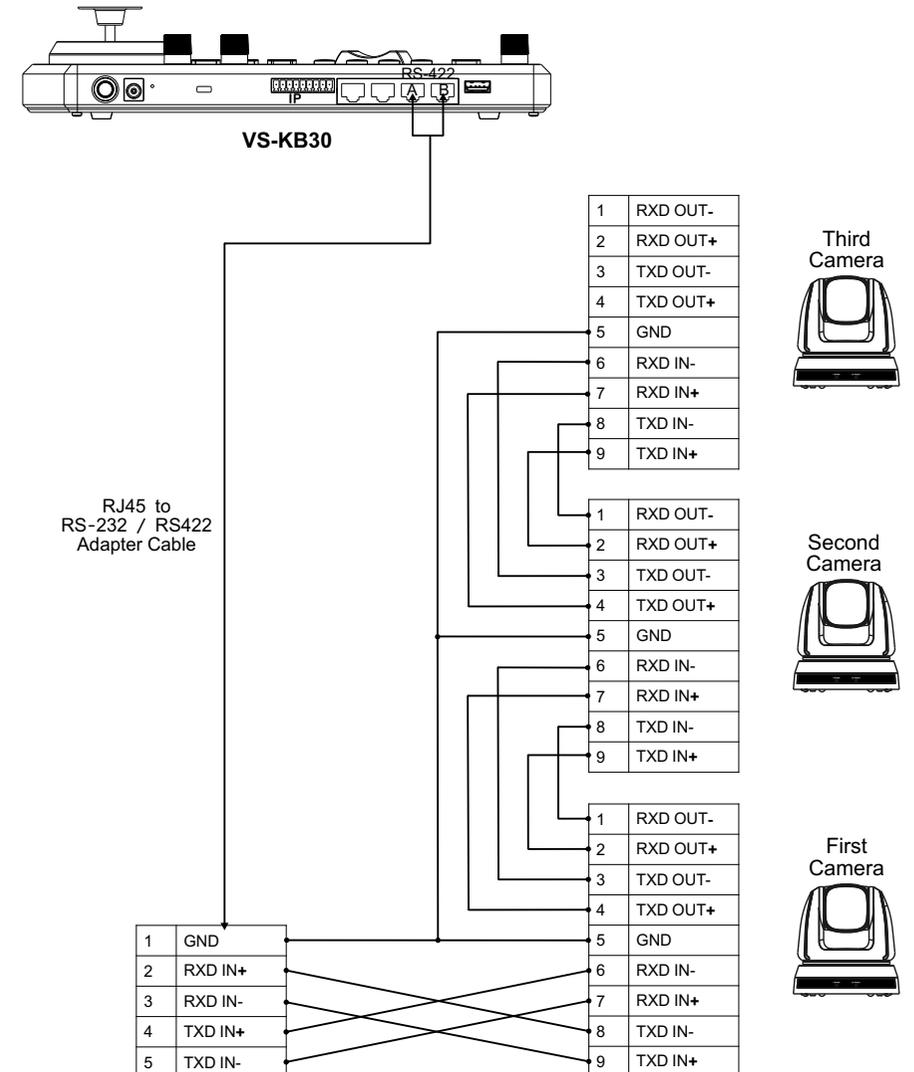
6. How to Connect RS-232

- 6.1 Connect the RJ-45 to RS232 adapter cable to the RS232 port of VS-KB30
- 6.2 Please refer to the RJ-45 to RS232 adapter cable and camera Mini Din RS232 pin definitions to complete the RS-232 connection on the camera end



7. How to Connect RS422

- 7.1 Connect the RJ-45 to RS232 adapter cable to the RS422 port of VS-KB30
- 7.2 Please refer to the RJ-45 to RS232 adapter cable and camera RS422 pin definitions to complete the RS422 connection on the camera end



※ Each A & B set can be connected in series up to 7 units