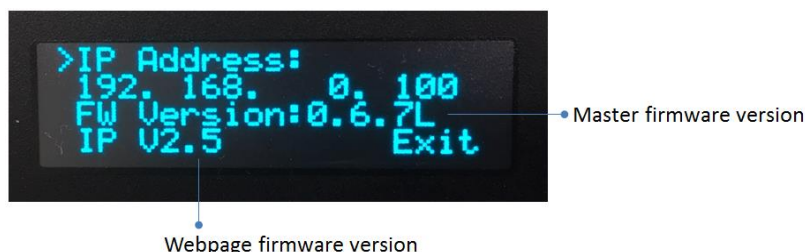


VS-KB30 Firmware(FW) Update



Before FW upgrade, please check FW version of unit.

- FW version: [SETUP]> [KEYBOARD SETTING]> [MODEL INFO].



Type	Ver.	Name/ Extension	Note
Master	0.x.xL	KEYBOARD.bin	- If the original FW is <u>0.x.xL</u>, please download <u>0.x.xL</u> version - If the original FW is <u>2.x.xL</u>, please download <u>2.x.xL</u> version. - If the original FW is <u>3.x.xL</u>, please download <u>3.x.xL</u> version. - Version <u>0.x.xL</u> CAN'T update to <u>2.x.xL</u> or <u>3.x.xL</u> due to the hardware limitation and vice versa.
	1.x.xL		
	2.x.xL	KEYBOARD.bin	
	3.x.xL	PTZKBD.bin	
Webpage	V2.x.x	V2.x.x.csf	Version <u>V2.x.x</u> CAN'T update to <u>VA.x.x</u> due to the hardware limitation.
	VA.x.x	VA.x.x.img	

- If you can't access to check the original FW, please check the label/ serial number to identify.

Model		VS-KB30	VS-KB30,V01	VS-KB30,V2
Label				
SN		V96xxxxxx	VC3xxxxxx	VCUxxxxxx
FW	Master	0.x.xL/1.x.xL	2.x.xL	3.x.xL
	Webpage	V2.x.x / VA.x.x	VA.x.x	VA.x.x



- Double confirm to download the proper FW version to the unit.

1 Device and Tool Preparation

VS-KB30	Power adapter/ power cord	PC or Laptop	USB Disk (Format FAT 32)
			

2 Master FW update

Version: 0.x.xL / 2.x.xL

FW File: KEYBOARD.bin

- ! Version 0.x.xL CAN'T update to 2.x.xL due to the hardware limitation

2.1 Save master FW to USB flash disk

2.1.1 Save the “KEYBOARD.bin” firmware file in the root directory (not inside of a folder)

2.2 Place the flash drive into the USB port on the back panel of the VS-KB30

2.3 Hold down the L/R Direction knob and click the power button into the “On” position.



2.4 The keyboard will display a confirmation that the upgrade is starting. (around 10 secs)



2.5 When keyboard shows “FIRMWARE UPGRADE SUCCEED”, power off unit and reboot.



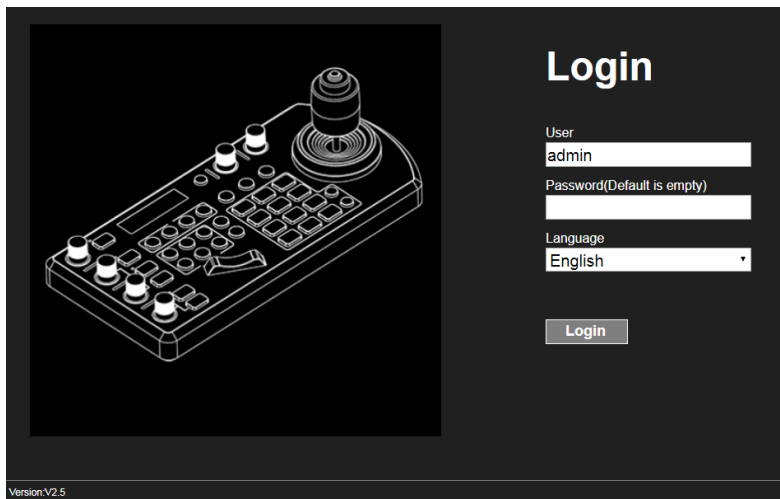
3 Webpage FW update

FW File: V2.x.x.csf / VA.x.x.img



- Version V2.x.x CAN'T update to VA.x.x due to the hardware limitation

- 3.1 Set your PC or laptop and VS-KB30 in the same network.
- 3.2 Type IP address of VS-KB30 on browser to access the login page.
 - 3.2.1 User : admin
 - 3.2.2 Password : _____(default is empty)



- 3.3 Follow the instruction to upload webpage firmware from PC or laptop.
- 3.4 Press start to upgrade the webpage firmware.
- 3.5 When keyboard shows “FIRMWARE UPGRADE SUCCEED”, power off unit and reboot.

4 Check the firmware version.

- 4.1 Press “SETUP”, [KEYBOARD SETTING]=>[MODEL INFO] to confirm the firmware version.

