

# FW047 - Camconnect Pro(AI-Box1) Firmware Update Manual

There are two methods to upgrade the FW, please find the instruction from following chapters.

■FW Upgrade by OTA

■FW Upgrade by Webpage

※ “Browser update MUST unplug/plug power supply” while “internet update, NO NEED to unplug/plug power supply”.

## FW Upgrade by OTA

### 1. Tools

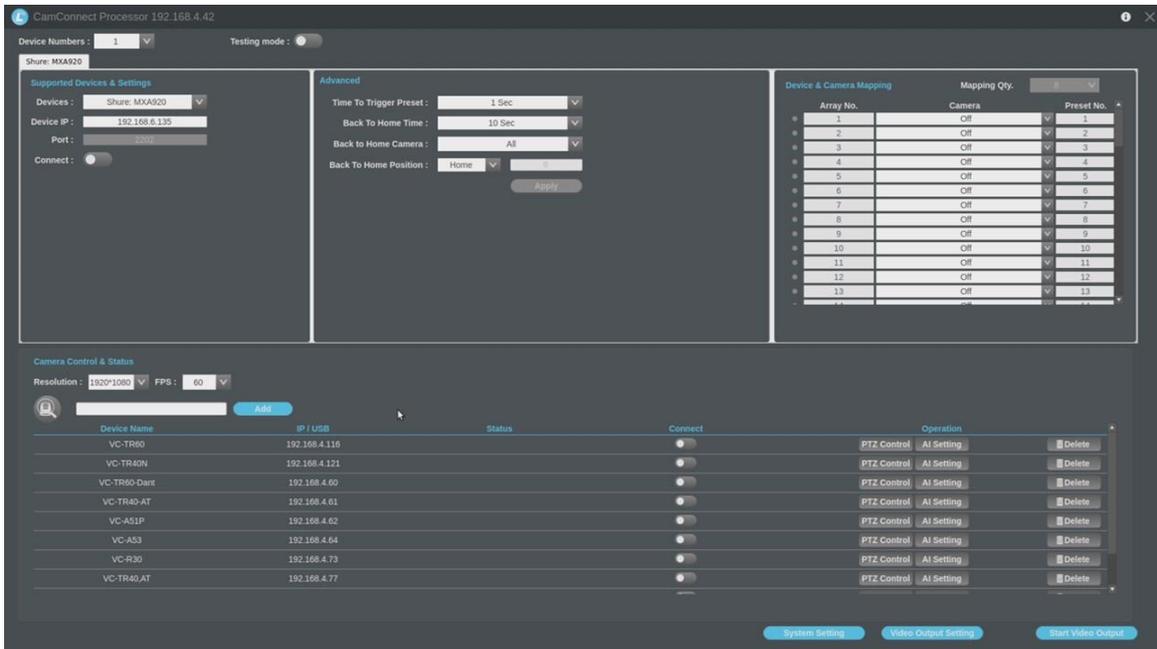
Power adapter / Power Cord	HDMI cable Ethernet Cable	Monitor
		

### 2. FW Update - Video

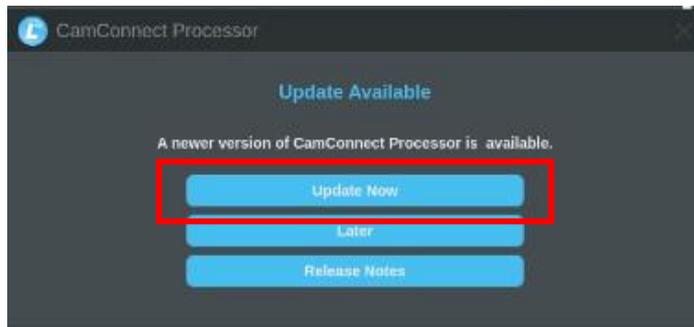
1.1 Connect the AI-BOX1 with Power, Monitor and Ethernet.



1.2 Please find the following screen.



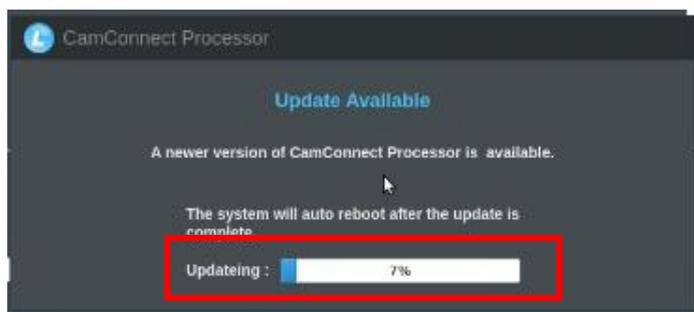
1.3 The Firmware update will pop up in seconds.



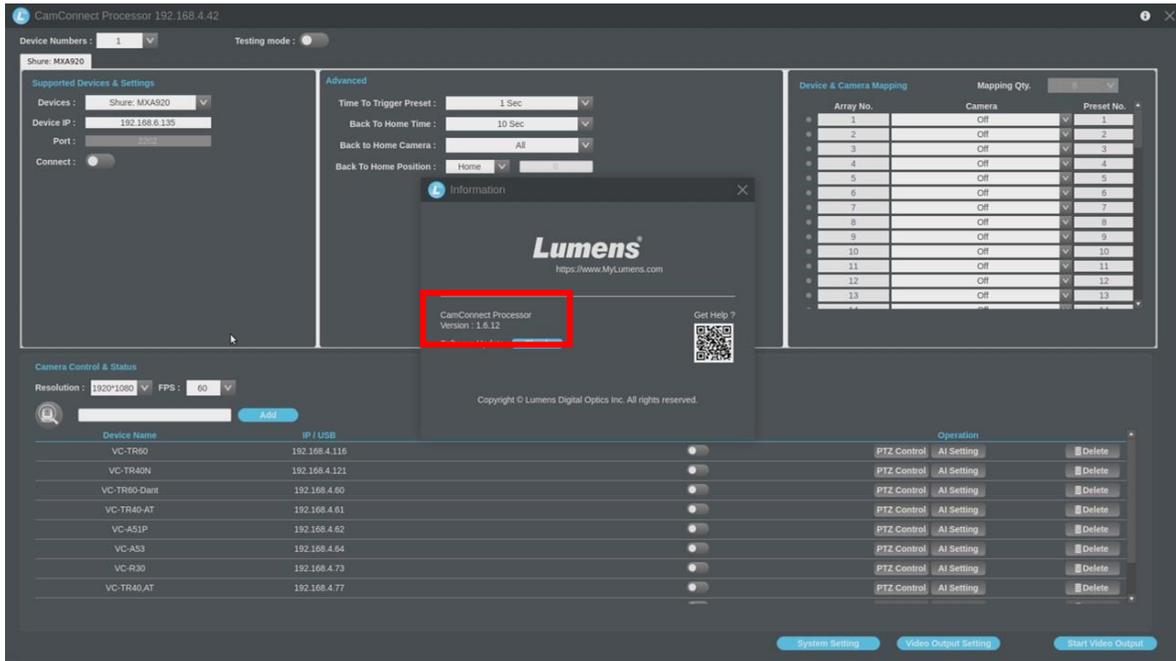
1.4 Please Click [Update Now] to proceed update.



1.5 FW Update will start automatically. (Around 6 minutes taken)



1.6 When FW Update finish, Camconnect Pro will restart and you can check version on upper right corner.



# FW Upgrade by Webpage

## 1 Device and Tool Preparation

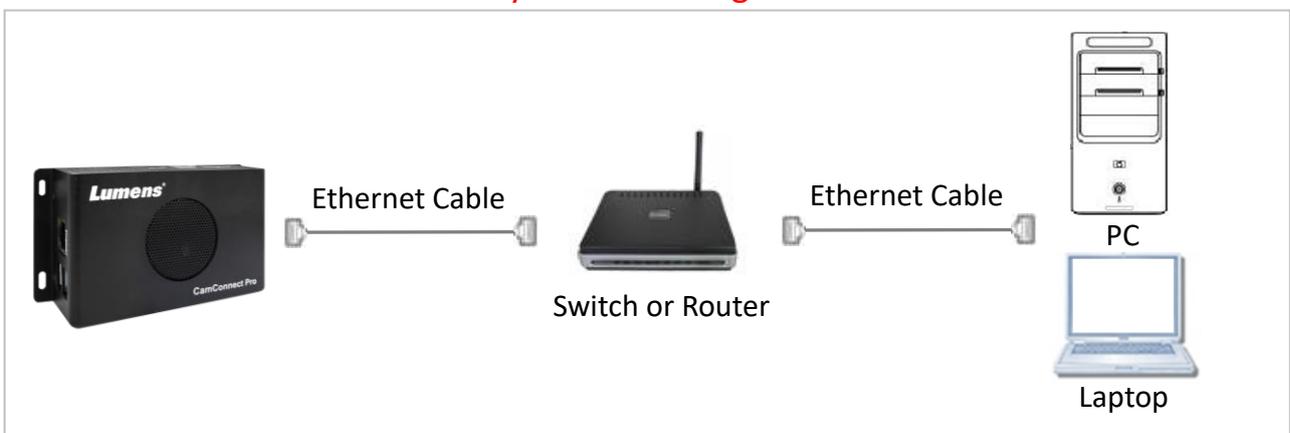
1.1 Please prepare following devices and tools before FW upgrade.

AI-Box1	PC or Laptop	Monitor
	 or 	
Power adapter and power cord	Ethernet cable and HDMI cable	Switch or Router
		

## 2 Connections

2.1 Connecting via switch or router.

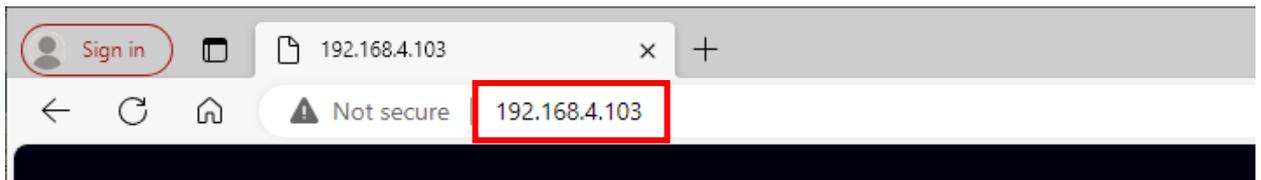
❌ Make sure the IP address range are the same and if possible avoid multiple opened network interface card on PC you are sending FW from.



### 3 FW Update

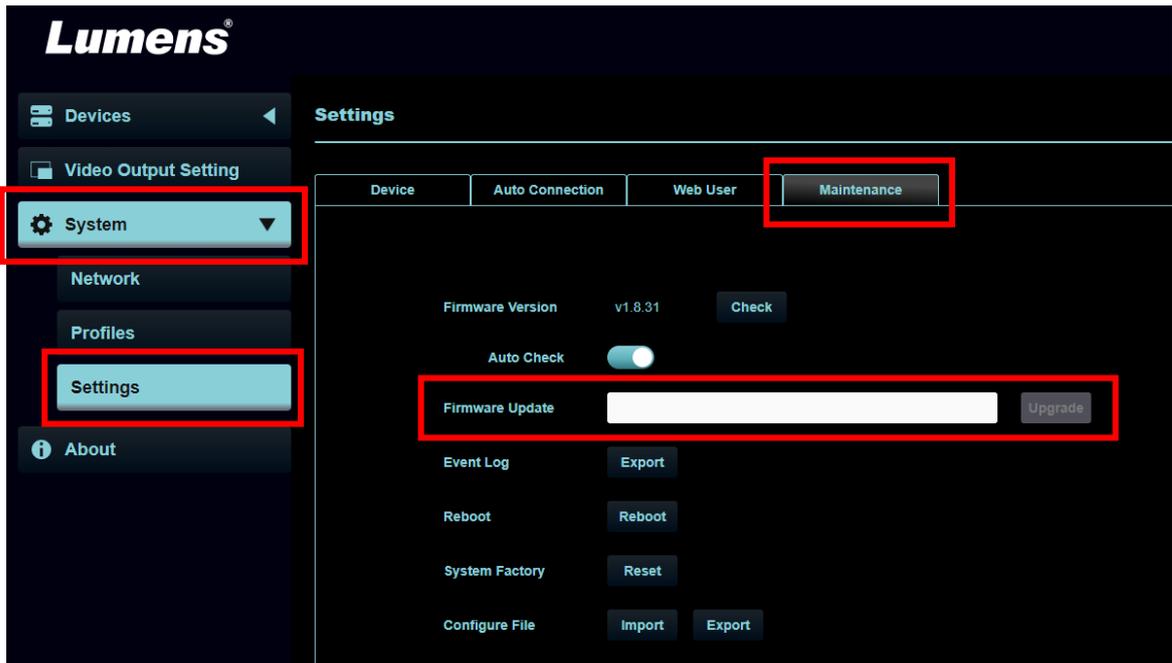
3.1 Open browser and enter the IP address of AI-Box1 in the address bar.

- You can check the IP address from the [Operation Interface].

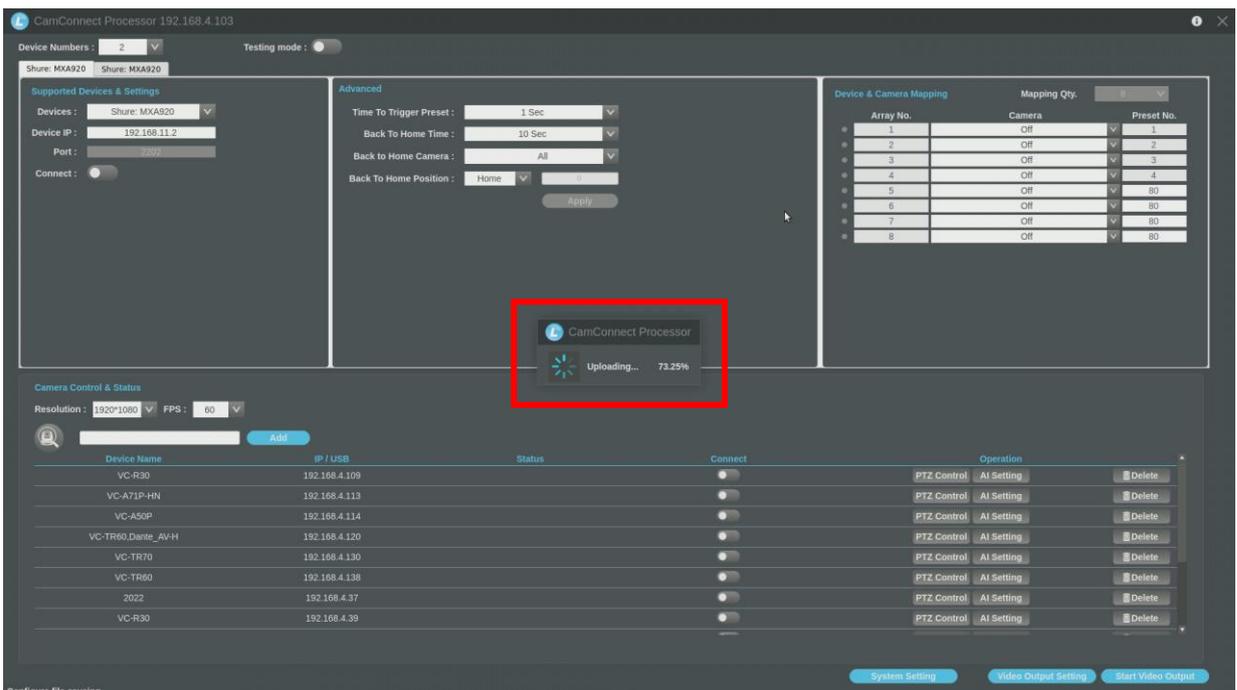


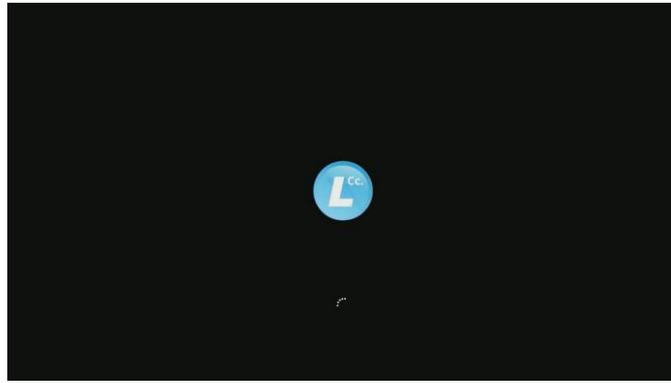
3.2 Select [System]> [Setting]> [Maintenance]> [Firmware Update] to select firmware file and start updating.

- Webpage Update function is available after FW version v1.5.6.

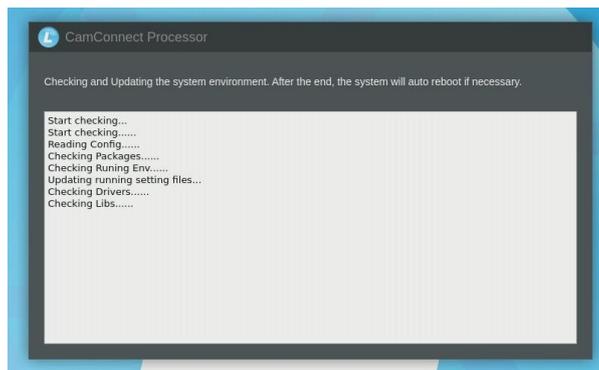


3.3 FW download starts(around 5-10 minutes taken), please check the status from HDMI output or webpage, don't unplug the cables and refresh the browser.



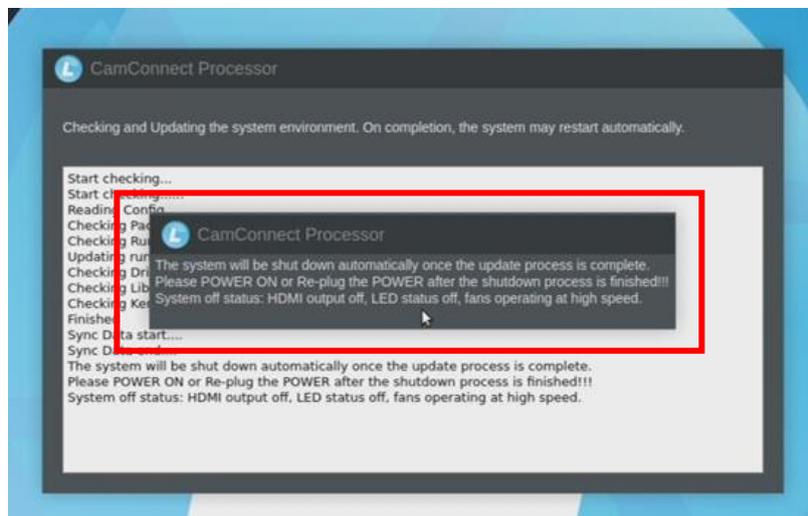


```
CamConnect Processor /bin/bash
/bin/bash B0x24
/sbin/ldconfig.real: /usr/local/lib/libopencv_highgui.so.3.4 is not a symbolic link
/sbin/ldconfig.real: /usr/local/lib/libopencv_video.so.3.4 is not a symbolic link
/sbin/ldconfig.real: /usr/local/lib/libopencv_photo.so.3.4 is not a symbolic link
/sbin/ldconfig.real: /usr/local/lib/libopencv_core.so.3.4 is not a symbolic link
/sbin/ldconfig.real: /usr/local/lib/libopencv_objdetect.so.3.4 is not a symbolic link
Selecting previously unselected package avahi-daemon.
(Reading database ... 211767 files and directories currently installed.)
Preparing to unpack .../avahi-daemon_0.8-5ubuntu5.1_arm64.deb ...
Unpacking avahi-daemon (0.8-5ubuntu5.1) ...
Setting up avahi-daemon (0.8-5ubuntu5.1) ...
Could not execute systemctl: at /usr/bin/deb-systemd-invoke line 142.
Processing triggers for dbus (1.12.20-2ubuntu4.1) ...
Processing triggers for man-db (2.10.2-1) ...
```

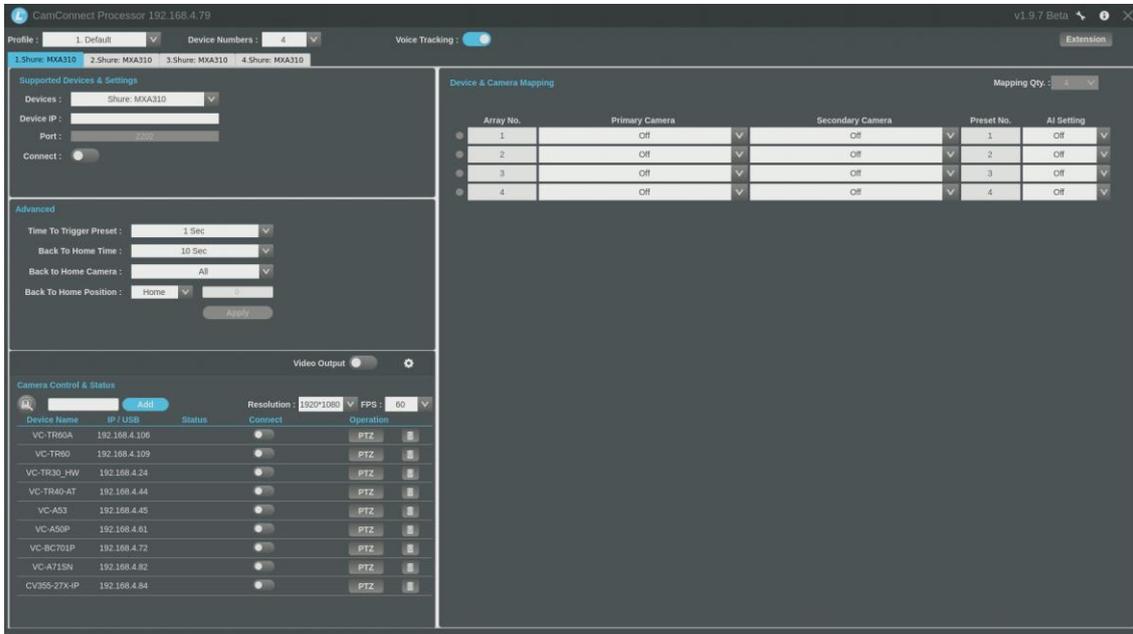


3.4 After FW update process is complete, the system will be shut down automatically, please **power on** or **re-plug the power adapter** when the HDMI output off and the fan is running at a high speed.

**\*Note:** This message will show around 1-2 minutes, please **DO NOT** unplug the cables until hearing the fan at a high speed.



# System Initializing...



3.5 Please enter the IP address, login webpage again and check the FW version from [About]> [Version].

