Firmware Update Procedures

HS-4000's LCD Monitor

This document provides procedures for updating the LCD Monitor firmware for the HS-4000 4K 8-Channel Portable Video Streaming Studio. The firmware update of the HS-4000 LCD Monitor can be done by connecting your HS-4000 to a laptop or PC.

Updating the LCD Monitor Firmware for the HS-4000

What items you should prepare before updating the firmware

● The latest HS-4000 LCD Monitor firmware update zip file x1.
The latest firmware zip file can be downloaded from the HS-4000 product page of the Datavideo official website https://www.datavideo.com/product/HS-4000. After the downloaded firmware zip file is unzipped, you can see one firmware file and the firmware update must be done by the Firmware Update Web UI
  ➢ **GB961-DVT-R95-V17-BE0S(0610 7603)**
● HS-4000 x 1
● 56V power adapter x 1
● Laptop or PC x 1
● RJ-45 Ethernet cable x 1

This document describes how to perform firmware update on a **Windows** computer.

System Connection Diagram

DC 56V Power

RJ-45 Ethernet Cable

Checking the Firmware Version

1. Please make sure that the 56V power adapter is connected to your HS-4000. After that, please press the power button which is located on the rear panel of the HS-4000 to turn on the power.

Note: You need to use the control panel of the LCD monitor to do the firmware update. The control panel of the LCD panel is shown in the following diagram.

2. Please press the "MV" button from the HS-4000 control panel. After that, the MultiView Screen will be shown on the LCD Panel.
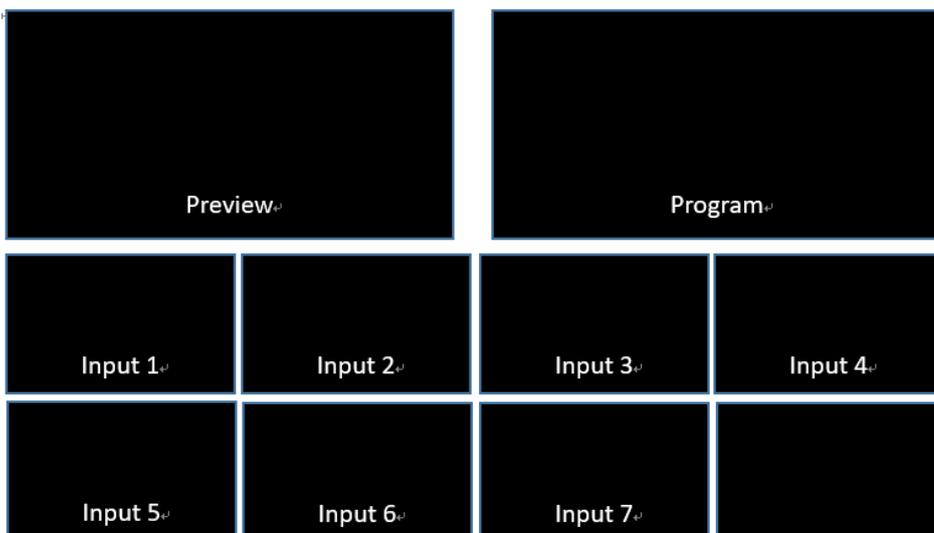
3. Please press the "MENU" button from the control panel. After that, the OSD MENU will be shown on the LCD.
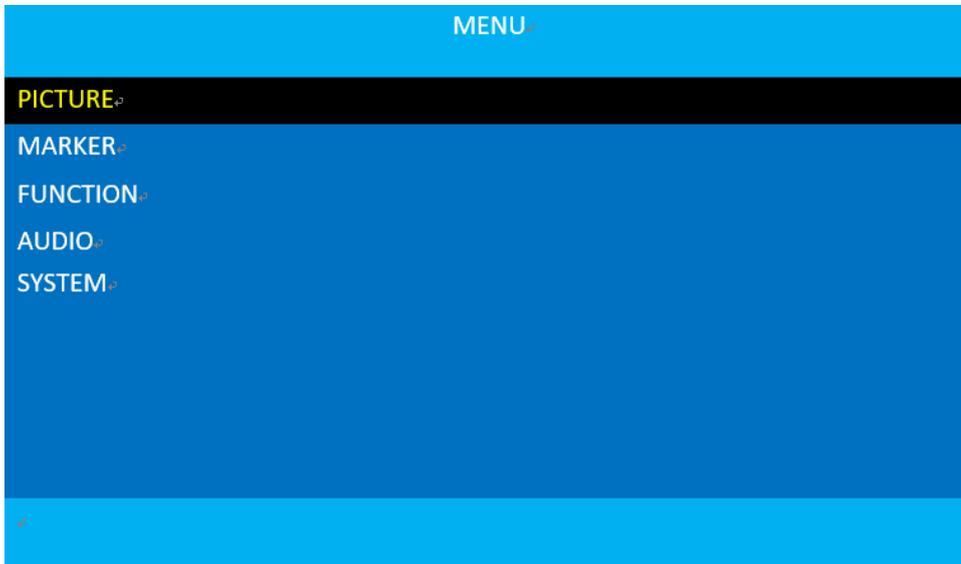
4. Please press the "DOWN" button on the control panel to select the "SYSTEM" option, and then press the "ENTER" button .

5. After entering the "SYSTEM" page, you can see the current firmware version of the HS-4000 LCD monitor. In this example, the firmware version is "17".
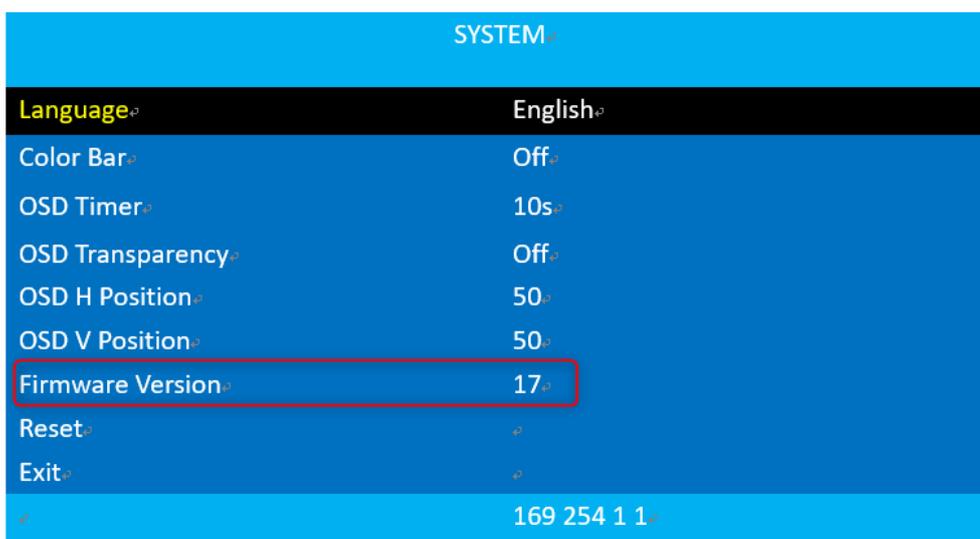
Updating the Firmware

1. Please make sure that the 56V DC power cable is connected to the HS-4000.

2. Please connect an Ethernet cable from the "LAN/DVIP" port on the rear panel of the HS-4000 to the Ethernet port of your laptop or PC.

3. Please turn on the power of the HS-4000. After the HS-4000 turns on, please press the

"MV" button [MV] from the control panel. And then the MultiView screen will be shown on the LCD monitor of the HS-4000.

Preview	Program

Input 1	Input 2	Input 3	Input 4

Input 5	Input 6	Input 7	
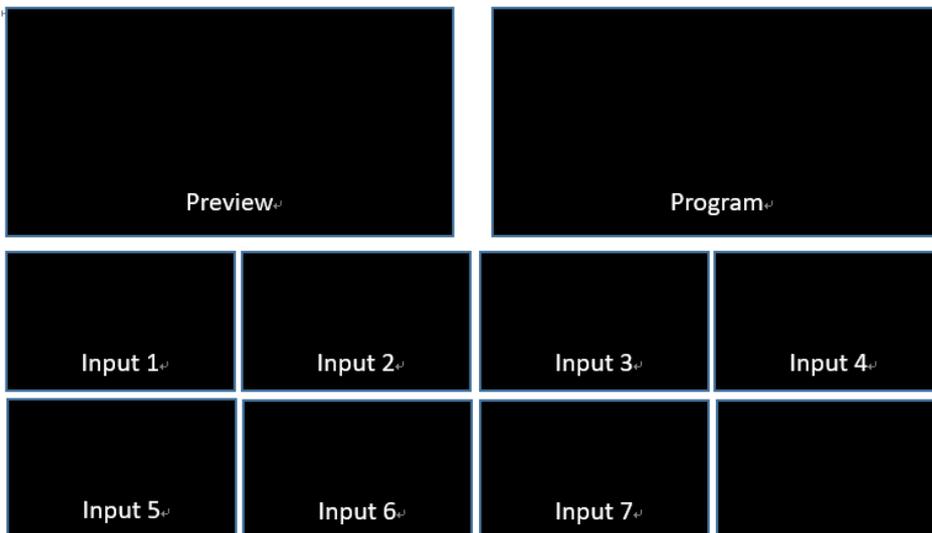
4. Please press the "MENU" button [MENU] from this control panel to open the OSD Menu. After that, use the "DOWN" button [DOWN] to select the "SYSTEM" option. Once the "SYSTEM" is selected, please press the "ENTER" button [ENTER] from the control panel to enter the "SYSTEM" page. And then you will see the IP address of the LCD Monitor driver board, in this example, it is "169.254.1.1".

MENU
PICTURE
MARKER
FUNCTION
AUDIO
SYSTEM

SYSTEM	
Language	English
Color Bar	Off
OSD Timer	10s
OSD Transparency	Off
OSD H Position	50
OSD V Position	50
Firmware Version	17
Reset	
Exit	
	169 254 1 1
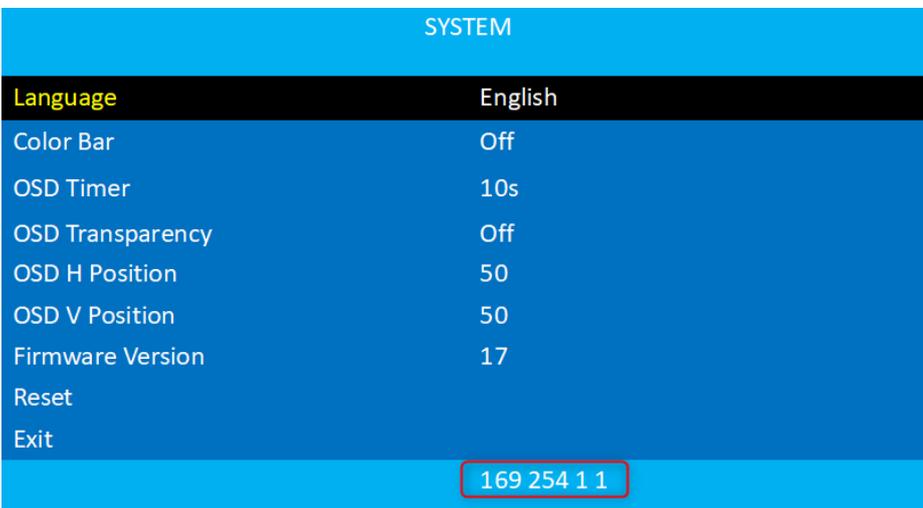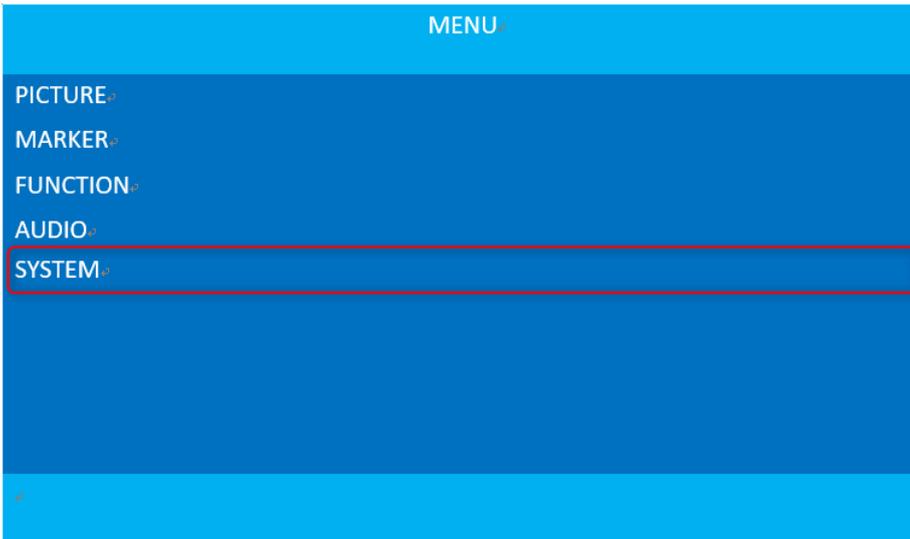
5. Please set the IP address of your laptop or PC to be within the same LAN as the HS-4000 Monitor driver board.

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

○ Obtain an IP address automatically
◉ Use the following IP address:

IP address: 169 . 254 . 1 . 50
Subnet mask: 255 . 255 . 0 . 0
Default gateway: .   .

○ Obtain DNS server address automatically
◉ Use the following DNS server addresses:

Preferred DNS server: .   .
Alternate DNS server: .   .

☐ Validate settings upon exit   Advanced...

OK   Cancel

6. Please enter the IP address of the HS-4000 LCD Monitor driver board into the address bar of your web browser to open the firmware update Web UI. In this example, the IP address is "169.254.1.1".
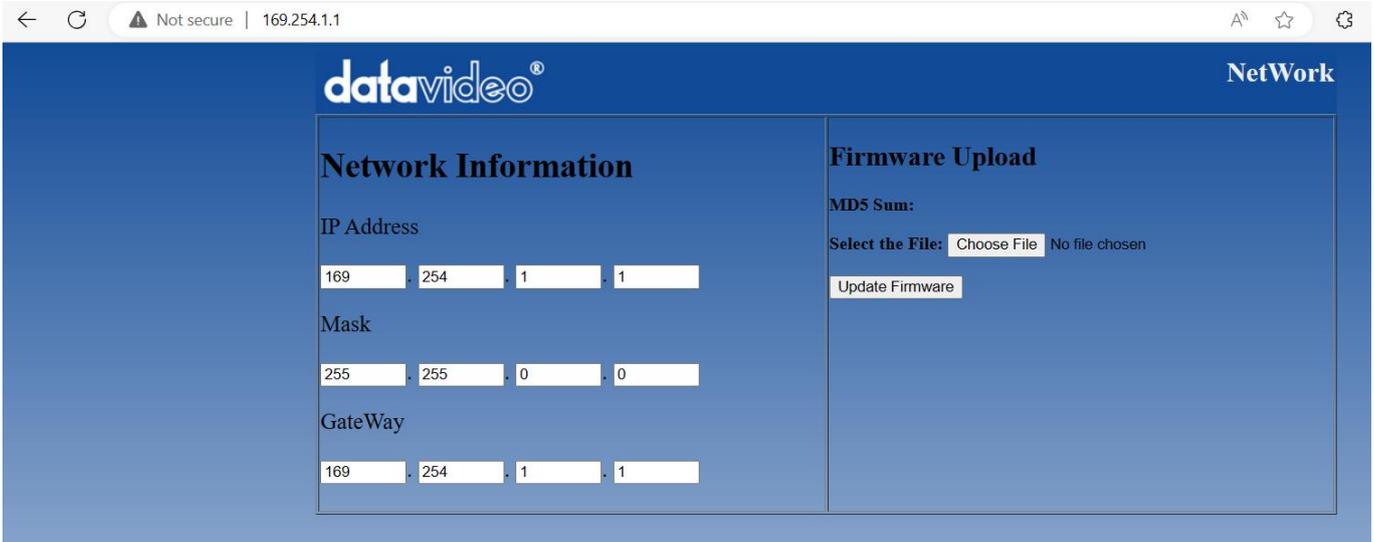

7. Please press the "Choose File" button to select the firmware file, and then press the "Open" button.

Name	Date modified	Type	Size
GB961-DVT-R95-V17-BE0S(0610 7603).bin	7/26/2023 4:22 AM	BIN File	704
GB961-DVT-R95-V17-BE0S(0610 7603)	8/6/2023 8:18 PM	Compressed File (...	204
GB961-LCD-A Software Release Notes	8/6/2023 8:18 PM	Microsoft Word 97...	68
GB961-LCD-A_SW-update_procedure	8/6/2023 8:19 PM	Microsoft Word 97...	2,076

name: GB961-DVT-R95-V17-BE0S(0610 7603).bin   All files

Open   Cancel
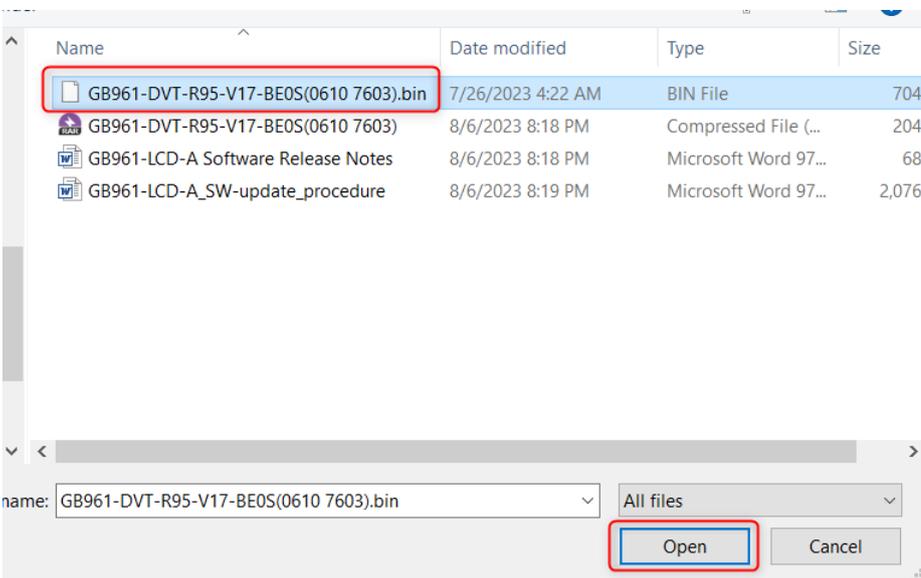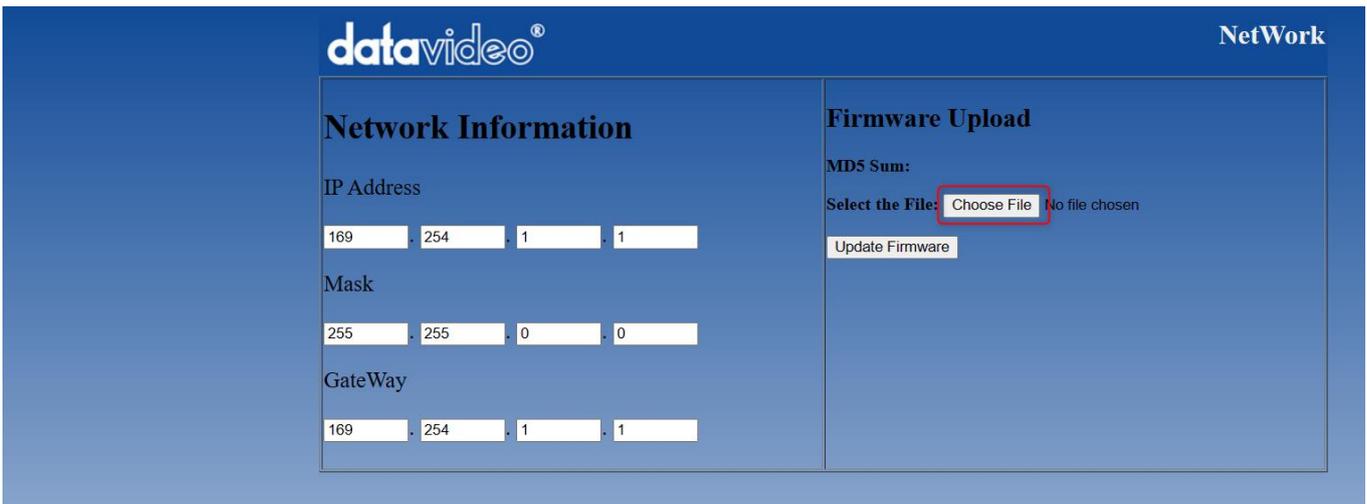
8. Please press the "Update Firmware" button to start the firmware update procedure.
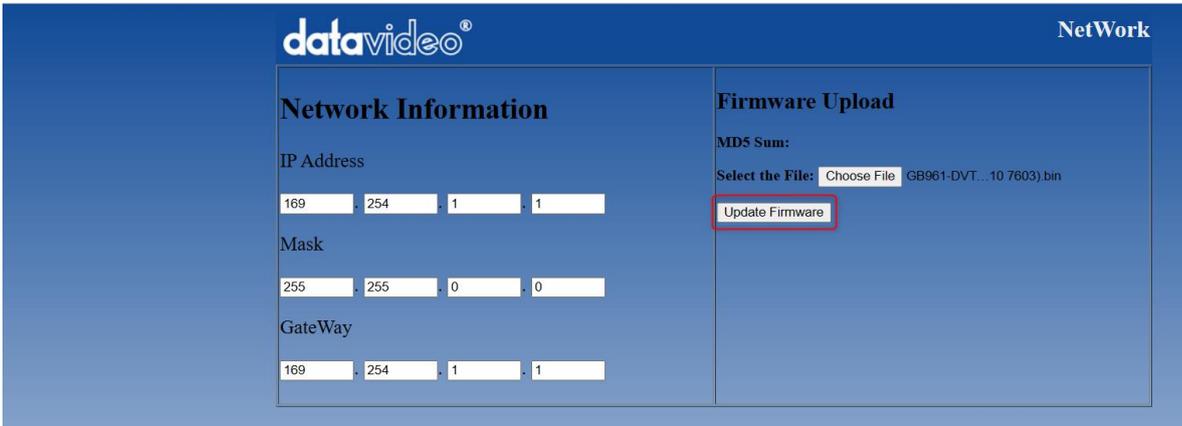
9. After the popup reminder is shown, please press "OK" to start the firmware update.
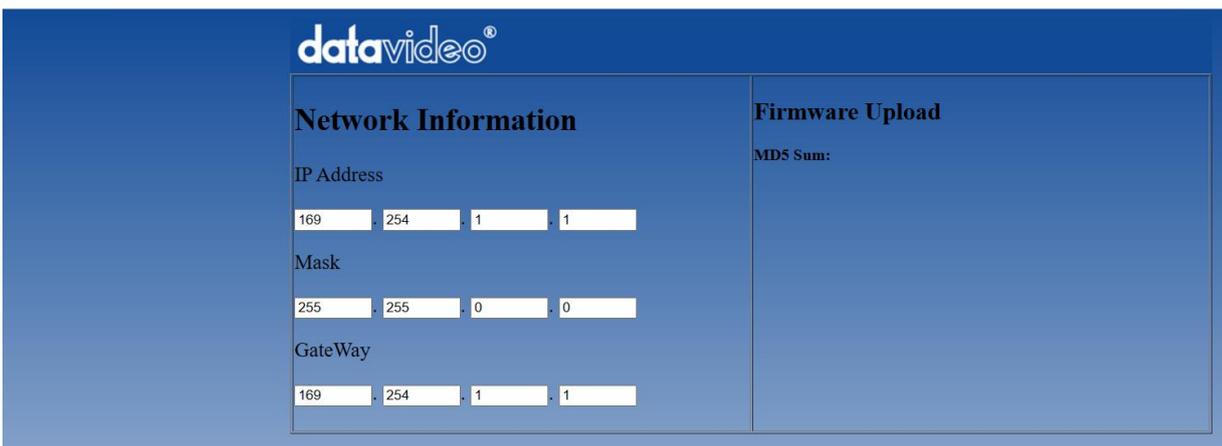
10.   During the firmware update, there is no picture on the LCD, the LED of the KEY Board will turn off and on again, and then the MultiView screen will appear on the LCD. It will cost about 1 minute and 20 seconds to finish the firmware update, please do not disconnect the network and power supply during the update.

11. After the message below is shown on the firmware update Web UI, it means that the firmware update procedure is done successfully.
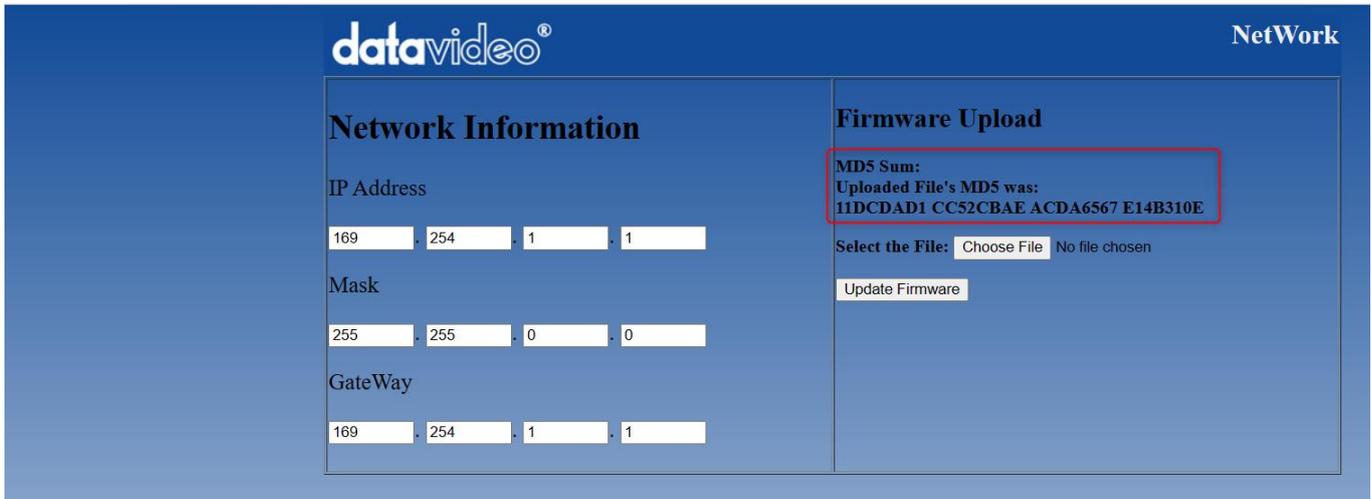
12. Please press the "PWR" key on the control panel to turn off the LCD. After that, please reboot the HS-4000 by turn off and turn on the power button on its rear panel. Finally, please press the "PWR" key to turn on the LCD power.

Note: When pressing the power button on the rear panel of the HS-4000, there is a reminder "Do you want to shutdown the system?" that will be shown on the 5" LCD screen on the control panel, please press "Yes" and then the power of the HS-4000 will be turned off.

13. Please press the "MENU" key on the control panel to open the OSD Menu. After that, please press the "DOWN" key to select the "SYSTEM" option and then press the "Enter" key to enter the "SYSTEM" page. And then you can see the updated firmware version.