

Update Instructions

The AT-UHD-HDVS-300-KIT can only be updated through the webGUI.

Required items:

- Firmware
- AT-UHD-HDVS-300-KIT (both transmitter and receiver)
- Ethernet cable under 15 feet in length



IMPORTANT: You must use only Mozilla Firefox or Internet Explorer when upgrading the firmware, due to incompatibilities with other browsers, such as Google Chrome.



IMPORTANT: The 'remote' side of the AT-UHD-HDVS-300-KIT must be updated first.

Determining the 'remote' side of the system will depend upon where the LAN cable is connected: If the LAN cable is connected to the AT-UHD-HDVS-300-TX, then the AT-UHD-HDVS-300-RX is the 'remote' side. If the LAN cable is connected to the AT-UHD-HDVS-300-RX, then the AT-UHD-HDVS-300-TX is the 'remote' side. Atlona recommends that the LAN cable be connected to the AT-UHD-HDVS-300-TX for best results.

Updating

1. Verify that an Ethernet cable is connected between the AT-UHD-HDVS-300-KIT and the network.
2. Connect the transmitter to the receiver, using the HDBaseT ports, using an Ethernet cable that is no longer than 15 feet in length. **The length of the HDBaseT cable is crucial, during the update process.**
3. Type the IP address of the AT-UHD-HDVS-300-KIT into a web browser, as shown in the example below.



NOTE: Computer must be on the same network as the AT-UHD-HDVS-300-KIT to access through IP.



IMPORTANT: If any stability issues are experienced, disable any anti-virus or firewall that may be interfering with network communication to the AT-UHD-HDVS-300-KIT. Once set up is done and the webGUI is no longer being used, the firewall and anti-virus can be re-enabled. For assistance, refer to the Support section on www.atlona.com and search for article KB01141.

3. The login screen will be displayed. Login using the username and password. The default login credentials are:

Username: root

Password: Atlona

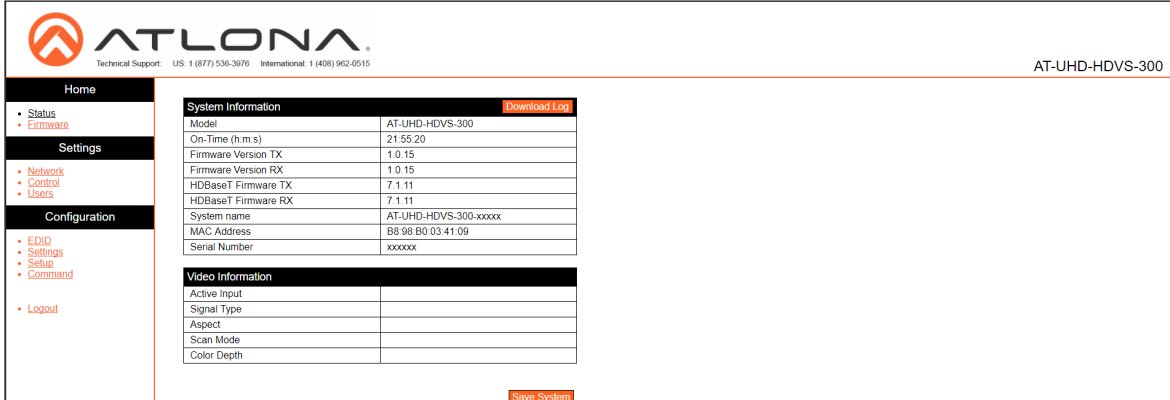


Update Instructions



IMPORTANT: Before updating the firmware, perform steps 4 - 6 to save the system settings to a file.

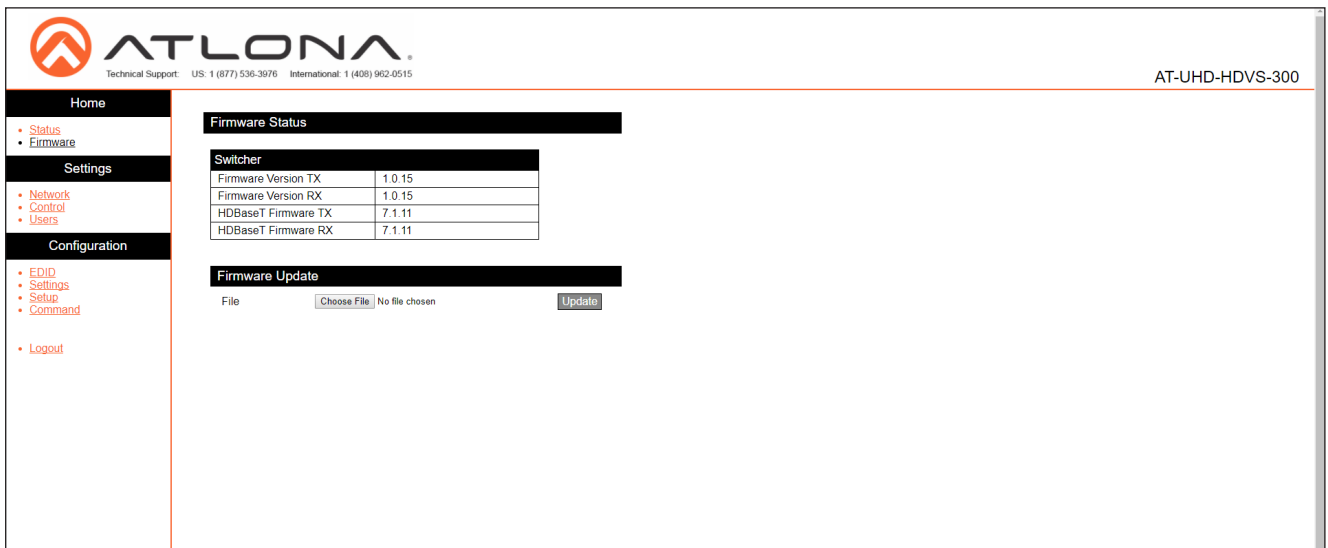
4. Click **Status** on the left side of the screen.
5. Click the **Save System Settings** button.



System Information		Download Log
Model	AT-UHD-HDVS-300	
On-Time (h:m:s)	21:55:20	
Firmware Version TX	1.0.15	
Firmware Version RX	1.0.15	
HDBaseT Firmware TX	7.1.11	
HDBaseT Firmware RX	7.1.11	
System name	AT-UHD-HDVS-300-xxxxx	
MAC Address	88:98:B0:03:41:09	
Serial Number	xxxxxx	

Video Information	
Active Input	
Signal Type	
Aspect	
Scan Mode	
Color Depth	

6. The **Save As** dialog box will be displayed. Select the folder where the file will be saved. Click the **Save** button to save the file.
7. Click **Firmware**, on the left side of the screen.



Firmware Status	
Switcher	
Firmware Version TX	1.0.15
Firmware Version RX	1.0.15
HDBaseT Firmware TX	7.1.11
HDBaseT Firmware RX	7.1.11

Firmware Update	
File	<input type="button" value="Choose File"/> No file chosen <input type="button" value="Update"/>



IMPORTANT: Do not change the firmware filename. Doing so may result in damage to the unit.

8. Click the **Choose File** button, and select the HDVS300FWpack_TX_[version].pkg file.
9. Click the **Update** button. A progress bar will be displayed during the update process.
10. Once the update has been completed, re-login to the webGUI.
11. Repeat Steps 7 through 10 for the HDVS300FWpack_RX_[version].pkg file.

Optional Update

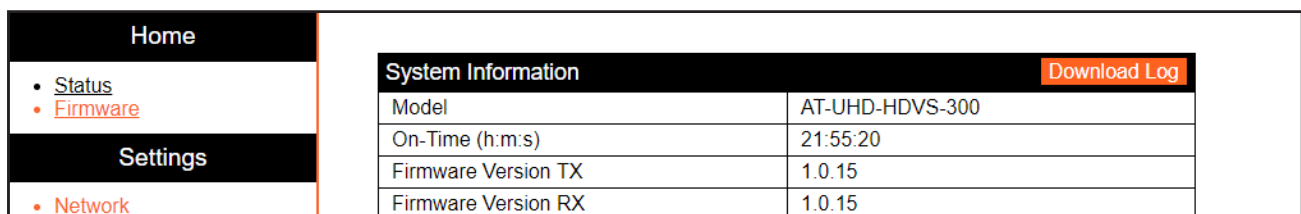
Logitech® BRIO and similar cameras

Certain USB devices, such as the Logitech BRIO camera, require higher USB bandwidths during the initialization process. The included .pkg files provides modifications to the Valens chipset within the AT-UHD-HDVS-300 to support these types of devices.

These files should be uploaded to the transmitter (TX) and receiver (RX) problems, such as the USB host device not detecting USB devices that are connected to remote USB ports.

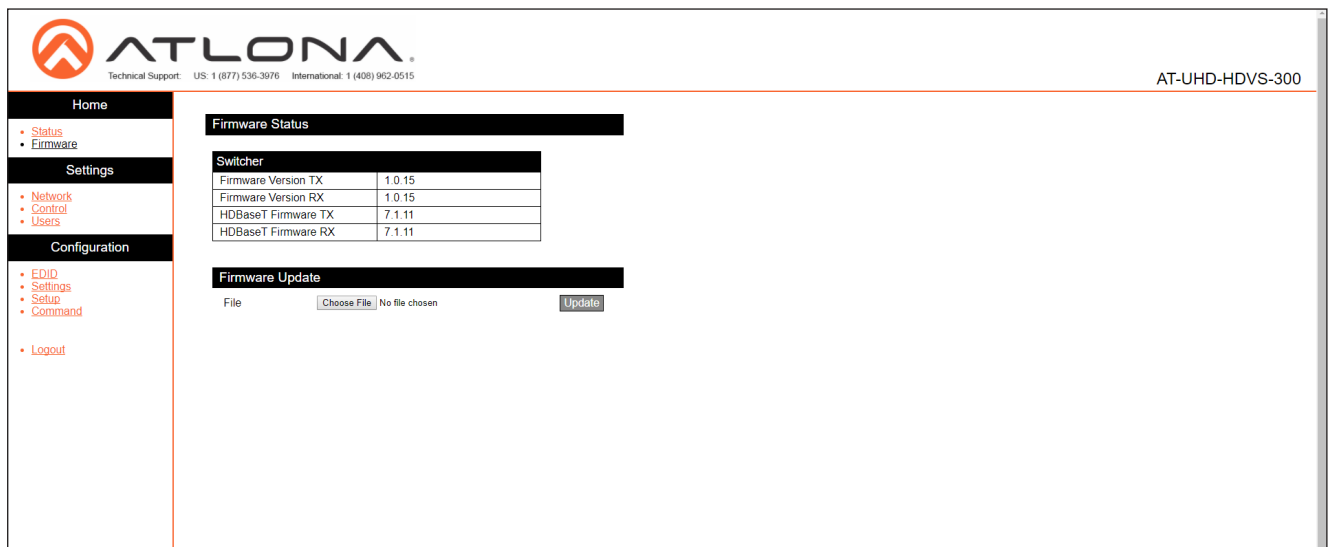
Instructions

1. Verify that the AT-UHD-HDVS-300-KIT is running at least MCU version 1.0.15. To view the MCU firmware version, login to the web server of the AT-UHD-HDVS-300-KIT and go to the **Status** page.



System Information		Download Log
Model	AT-UHD-HDVS-300	
On-Time (h:m:s)	21:55:20	
Firmware Version TX	1.0.15	
Firmware Version RX	1.0.15	

2. Click **Firmware**, on the left side of the screen.



Firmware Status

Switcher	
Firmware Version TX	1.0.15
Firmware Version RX	1.0.15
HDBaseT Firmware TX	7.1.11
HDBaseT Firmware RX	7.1.11

Firmware Update

File No file chosen

3. Click the **Choose File** button, and select either the ATLMtxFWpack_TX_PARAM.pkg or ATLMtxFWpack_RX_PARAM.pkg file. The order in which the files are uploaded does not matter.
4. Click the **Update** button. A progress bar will be displayed during the update process.
5. Once the update has been completed, login to the web server.
6. Repeat steps 3 through 5 for the other .pkg file.
7. Once both firmware files have been successfully loaded, power-cycle the system by disconnecting and reconnecting the DC 48V connector on receiver.



IMPORTANT: The AT-UHD-HDVS-300 must be power-cycled from the receiver end. Power-cycling the transmitter will not work.

Optional Update

8. Backup any system settings, if necessary.
9. Reset the AT-UHD-HDVS-300 to factory-default settings by performing one of the following:
 - a. Execute the Mreset command through the command line interface. The host computer must be connected using RS-232 or through a Telnet session to use this option.
 - b. Click the **Control** menu, within the web server, then click the **Reset Now** button.
10. Verify that the connected USB devices (e.g. Logitech BRIO) are recognized by the USB host device. Connected devices are shown under Windows Device Manager, which can be accessed by executing the following command:

devmgmt.msc
11. Left-click on the **Universal Serial Bus controllers** section to expand the device list. Two **Generic USB Hub** devices should also be present, which represent both the individual transmitter and receiver USB hub.

