

Update Instructions

The PRO3-series of matrixes can only be updated through the webGUI.

Needed items (webGUI):

- New firmware - Downloaded from atlona.com
- IP address of the matrix
- Computer on the same network as the matrix
- Username and password to access the webGUI of the matrix



IMPORTANT: Do not change the firmware file name, doing so may result in damage to the unit.



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

Updating

1. Verify that an Ethernet cable is connected between the matrix and the network.
2. Type the IP address of the matrix into a web browser, as shown in the example below.



NOTE: Computer must be on the same network as the matrix 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 matrix. 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

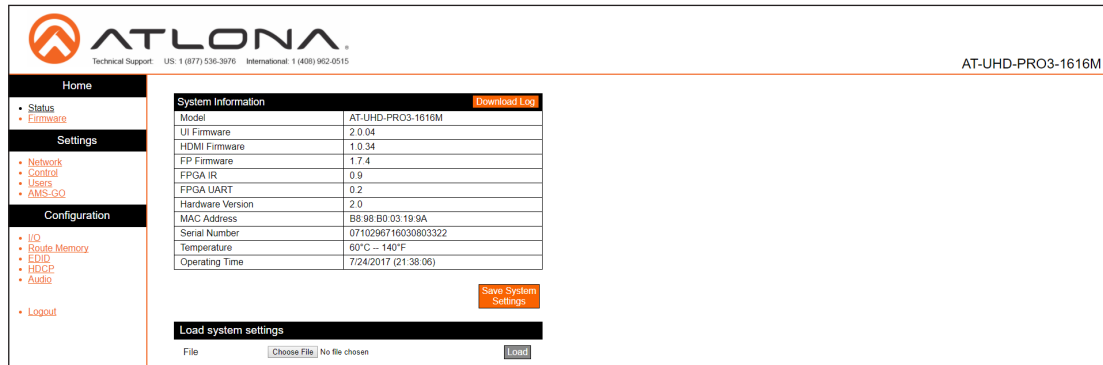


IMPORTANT: Before updating the firmware, perform steps 4 - 6 to save the system settings to a file. Note that if the **UI Firmware** field displays version 1.6.03 (or lower), then the settings file will not be able to be read by version 16 firmware, or higher. In this case, take screenshots of each page in order to save the information.

4. Click **Status** on the left side of the screen.

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- Click the **Save System Settings** button.



Technical Support: US: 1 (877) 536-3976 International: 1 (408) 962-0515 AT-UHD-PRO3-1616M

Home

- Status
- Firmware

Settings

- Network
- Control
- Users
- AMS-GO

Configuration

- I/O
- Route Memory
- EDID
- HDCP
- Audio
- Logout

System Information

Model	AT-UHD-PRO3-1616M
UI Firmware	2.0.04
HDMI Firmware	1.0.34
FP Firmware	1.7.4
FPGA IR	0.9
FPGA UART	0.2
Hardware Version	2.0
MAC Address	B8 98 B0 03 19 9A
Serial Number	0710296716030803322
Temperature	60°C ~ 140°F
Operating Time	7/24/2017 (21:38:06)

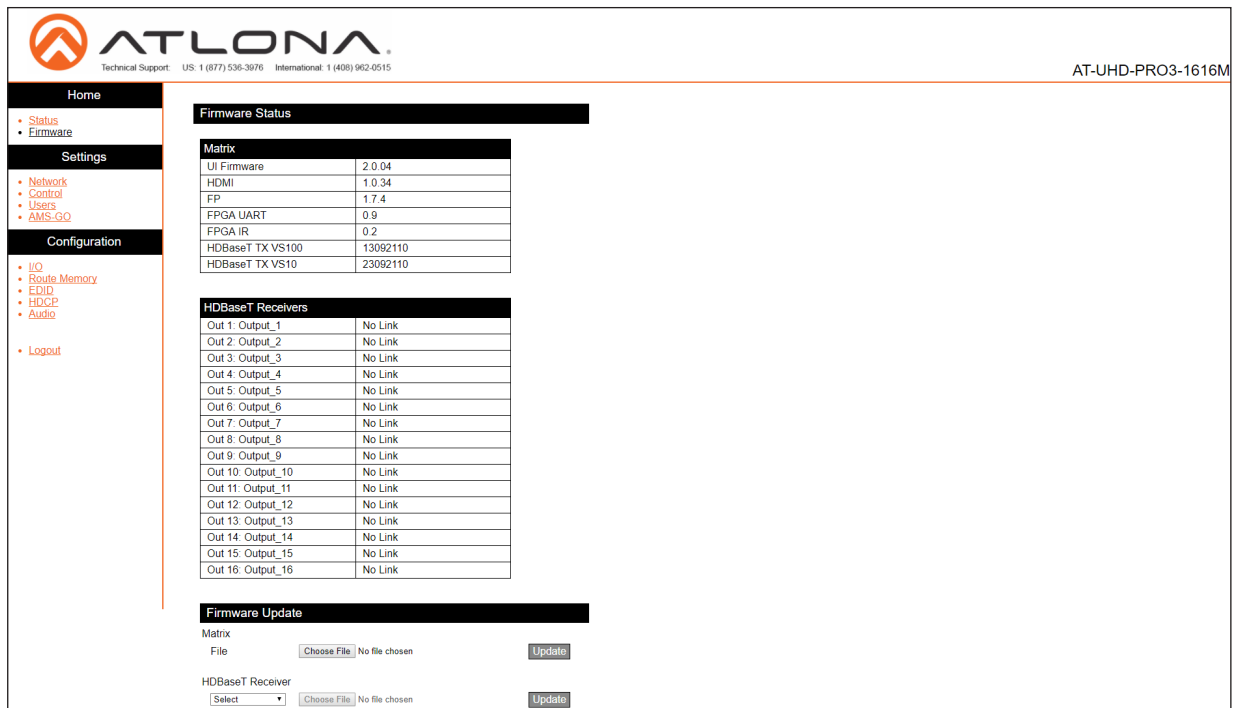
Download Log

Save System Settings

Load system settings

File No file chosen

- The **Save As** dialog box will be displayed. Select the folder where the file will be saved. The default name of the file is download.json. Click the **Save** button to save the file.
- Click **Firmware**, on the left side of the screen.



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Firmware Status

Matrix

UI Firmware	2.0.04
HDMI	1.0.34
FP	1.7.4
FPGA UART	0.9
FPGA IR	0.2
HDBaseT TX VS100	13092110
HDBaseT TX VS10	23092110

HDBaseT Receivers

Out 1: Output_1	No Link
Out 2: Output_2	No Link
Out 3: Output_3	No Link
Out 4: Output_4	No Link
Out 5: Output_5	No Link
Out 6: Output_6	No Link
Out 7: Output_7	No Link
Out 8: Output_8	No Link
Out 9: Output_9	No Link
Out 10: Output_10	No Link
Out 11: Output_11	No Link
Out 12: Output_12	No Link
Out 13: Output_13	No Link
Out 14: Output_14	No Link
Out 15: Output_15	No Link
Out 16: Output_16	No Link

Firmware Update

Matrix

File No file chosen

HDBaseT Receiver

Select No file chosen

- Click the Matrix File **Choose File** button, to select each firmware file. Select and upload each file in the following order:
 - ATLMtxFWpack_Matrix_[version]_A.pkg
 - ATLMtxFWpack_Matrix_[version]_B.pkg

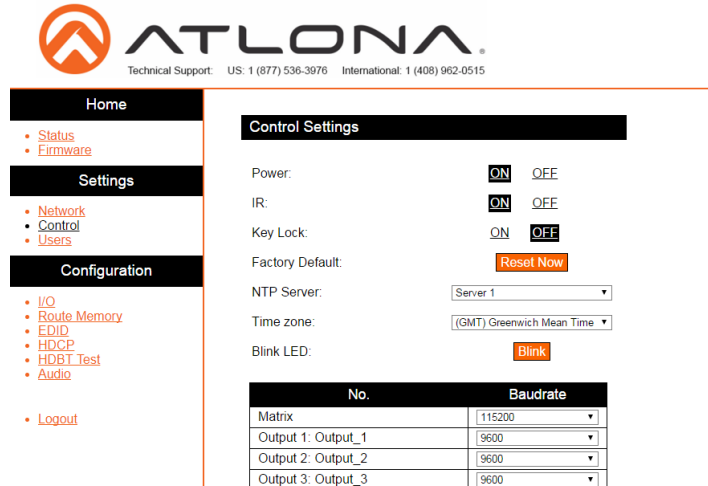


IMPORTANT: Always upload the ATLMtxFWpack_Matrix_[version]_A.pkg file first. Also note that this file can take anywhere from 45 minutes or longer to update.

- Click the **Update** button. A progress bar will be displayed during the update process.
- Once the update has processed, relogin to the webGUI.
- Repeat steps 7 through 10 for the second firmware file.

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12. After both files have been updated, use the **Reset Now** button on the **Control** page to complete the upgrade progress and reset the matrix to factory-default settings.



The screenshot shows the Atlona web interface. The top header includes the Atlona logo and technical support contact information. The left sidebar has three main sections: Home, Settings, and Configuration. The Home section contains links for Status and Firmware. The Settings section contains links for Network, Control, and Users. The Configuration section contains links for I/O, Route Memory, EDID, HDCP, HDBT Test, Audio, and Logout. The main content area is titled 'Control Settings' and contains several settings: Power (ON/OFF), IR (ON/OFF), Key Lock (ON/OFF), Factory Default (Reset Now button), NTP Server (Server 1 dropdown), Time zone ((GMT) Greenwich Mean Time dropdown), and Blink LED (Blink button). At the bottom, there is a table with two columns: No. and Baudrate.

No.	Baudrate
Matrix	115200
Output 1: Output_1	9600
Output 2: Output_2	9600
Output 3: Output_3	9600

13. If a system settings file was saved, in Step 6, click the **Status** link, select the settings file, click the **Choose File** button, then click the **Load** button.



IMPORTANT: After updating the AT-UHD-PRO3-1616M, it is recommended that all receiver units be updated with the latest firmware. Refer to the next page for more information.

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Receiver Updates

It is highly recommended that all AT-UHD-EX-70C-RX and AT-UHD-EX-100CE-RX receiver units, connected to the AT-UHD-PRO3-1616M, be updated with the latest firmware. The following provides instructions on performing this convenient procedure using the web interface of the AT-UHD-PRO3-1616M.

1. Login to the webGUI of the AT-UHD-PRO3-1616M.
2. Click **Firmware**, on the left side of the screen.
3. Verify that the **UI Firmware** version number is at least **16.1.19**, in the **Firmware Status** table.



IMPORTANT: The UI Firmware version number must be 16.1.19 (or greater), in order to update receiver units with the latest firmware.

Matrix	
UI Firmware	16.1.19
HDMI	2.0.1
FP	1.9.1
FPGA Version	1.0
HDBaseT TX VS100	13136110
HDBaseT TX VS10	23136110

Current UI Firmware

4. Click the **HDBaseT Receiver** drop-down list and select the receiver to be updated.
5. Click the **Choose File** button and select the required firmware. Refer to the table below to identify the receiver unit with the correct firmware file.

Receiver	Firmware File
AT-UHD-EX-70C-RX	ATLMtxFWpack_2-May-19-23131-5.pkg
AT-UHD-EX-100CE-RX	ATLMtxFWpack_2-May-19-13131-5.pkg

6. Follow the on-screen directions, during the firmware update procedure. After a receiver has been updated, it will need to be power-cycled.
7. Repeat steps 5 through 7 for each additional receiver.
8. Inspect the **Firmware Status** table and verify that all 70C and 100CE receiver units are running the following firmware.

Receiver	Firmware Version
AT-UHD-EX-70C-RX	2.31.31.5
AT-UHD-EX-100CE-RX	1.31.31.5

9. The receiver update process is complete.