

## Update Instructions

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

Needed items (webGUI):

- New firmware - Downloaded from [atlona.com](http://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:** Atlona recommends using only Mozilla Firefox or Internet Explorer when upgrading the firmware, due to incompatibilities with other browsers i.e. Google Chrome.

### 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](http://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

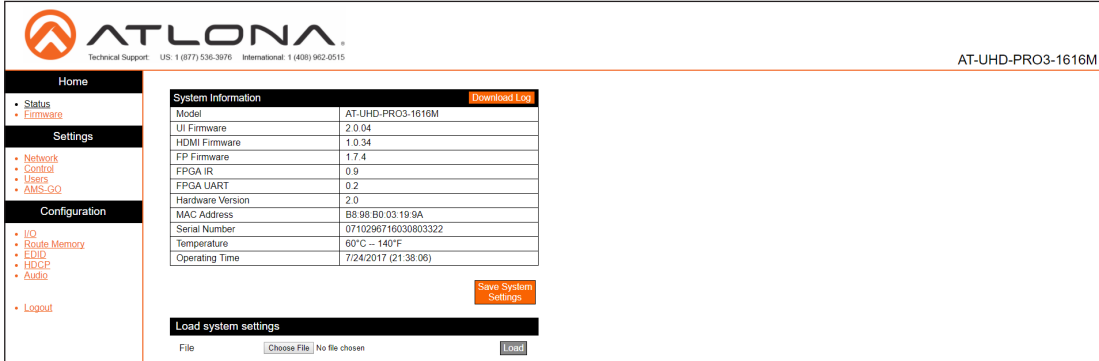


**IMPORTANT:** Before updating the firmware, perform steps 4 - 6 to save the system settings to a file. Note that if the **UI Firmware** field displays version 1.6.03 (or lower), then the settings file will not be able to be read by version 16 firmware, or higher. In this case, take screenshots of each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

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

# Update Instructions

- 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** [Download Log](#)

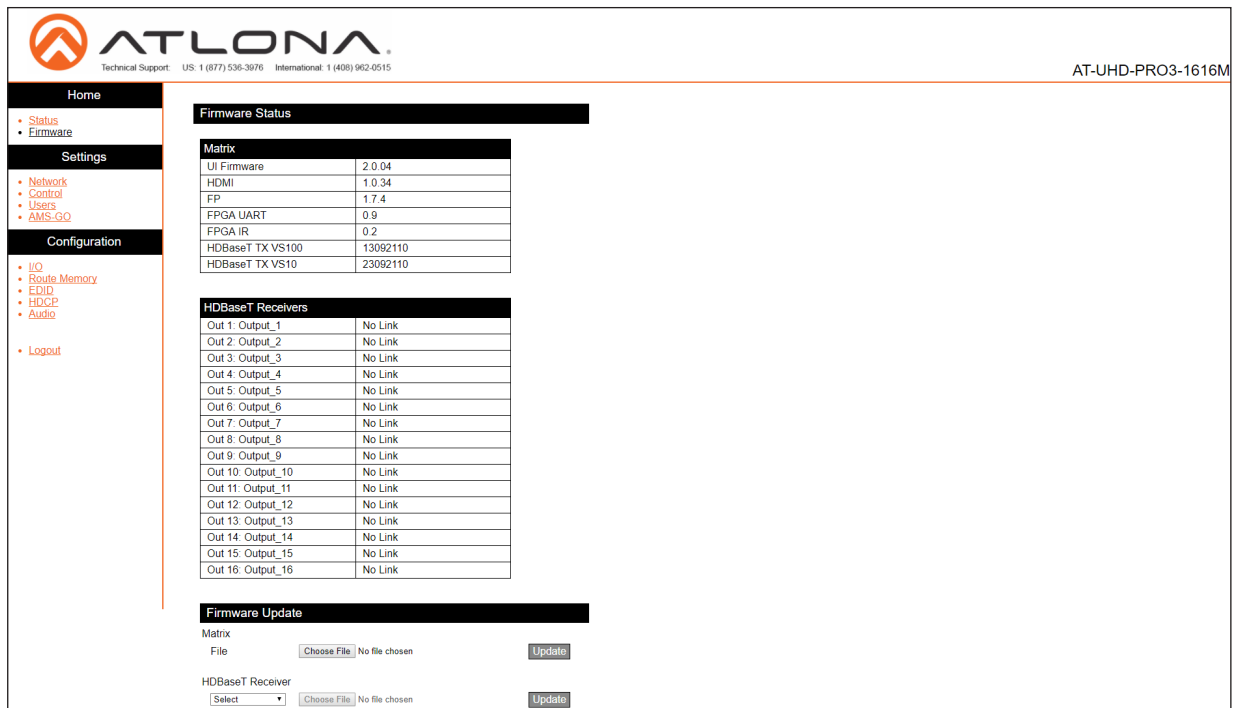
Model	AT-UHD-PRO3-1616M
UI Firmware	2.0.04
HDMI Firmware	1.0.34
FP Firmware	1.7.4
FPGA IR	0.9
FPGA UART	0.2
Hardware Version	2.0
MAC Address	B8 98 B0 03 19 9A
Serial Number	0710296716030803322
Temperature	60°C ~ 140°F
Operating Time	7/24/2017 (21:38:06)

[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.



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

**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

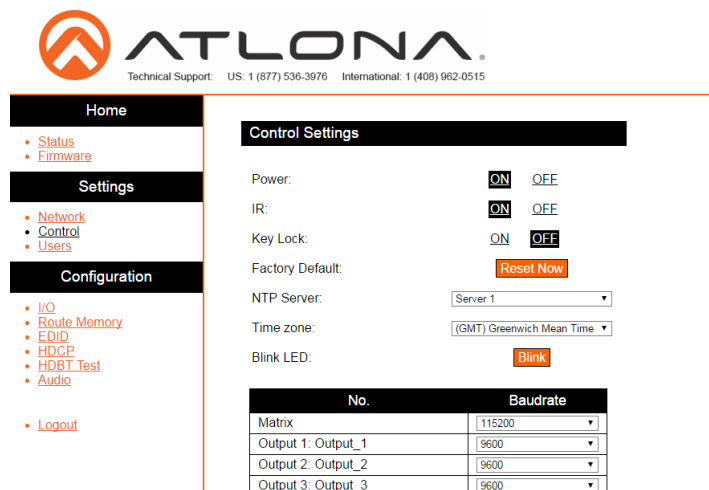
HDBaseT Receiver

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\_PRO3\_FPHD.pkg
  - ATLMtxFWpack\_PRO3\_FPGA.pkg
  - ATLMtxFWpack\_PRO3-UI.pkg
- 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 each of the three firmware files.

## Update Instructions

12. After all three 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 GUI. The left sidebar has a 'Home' section with links to 'Status' and 'Firmware', and a 'Settings' section with links to 'Network', 'Control', and 'Users'. The 'Configuration' section has links to 'I/O', 'Route Memory', 'EDID', 'HDCP', 'HDBT Test', and 'Audio'. A 'Logout' link is at the bottom. The main content area is titled 'Control Settings' and includes toggle switches for Power, IR, and Key Lock, all set to 'ON'. There is a 'Reset Now' button. Below these are dropdown menus for NTP Server (set to 'Server 1') and Time zone (set to '(GMT) Greenwich Mean Time'). A 'Blink LED' button is also present. 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.

## Valens Firmware Update (Optional Update)

The Valens firmware update procedure is optional and is only required if HDBaseT monitoring is required.



**NOTE:** Updating the Valens firmware can take up to 25 minutes.

- Follow steps 1 through 7, beginning on the first page of this guide.
- Select the Valens firmware file. There are two files required for the Valens update. It is recommended that the files be uploaded, one at a time, in the following order:
  - ATLMtxFWpack\_7-Jul-17\_VS010\_4.pkg
  - ATLMtxFWpack\_7-Jul-17\_VS100\_5.pkg
- To verify that whether or not a Valens update has taken place, click **Firmware**, in the web GUI, and read the information displayed under **Firmware Status > Matrix**:

with Valens update

Matrix	
UI Firmware	16.0.03
HDMI	1.6.15
FP	1.7.7
FPGA Version	1.0
HDBaseT TX VS100	13136110
HDBaseT TX VS10	23136110

without Valens update

Matrix	
UI Firmware	16.0.03
HDMI	1.6.15
FP	1.7.7
FPGA Version	1.0
HDBaseT TX VS100	13092110
HDBaseT TX VS10	23092110