



# MURIDEO

Murideo  
Prisma

Networked Video Processor and 3D LUT



Firmware Update Guide

Version 1.40/5

## Important Safety Information

- Follow all instructions
- Use only a dry cloth to clean
- Indoor use only: To reduce the risk of electric shock, do not use near water or expose to rain or moisture. Keep away from excess moisture
- Do not use near heat sources such as room heaters, hot A/V equipment
- Read all warnings
- Use only accessories provided by Murideo
- Unplug the device during lightning storms or when unused for long periods of time
- Keep away from open flames
- Protect all connected cords including power cords from being pinched, compressed, and stepped on
- Do not open the case. All servicing should be done only by qualified and approved service personnel and will void the warranty.
- Electrical Input Rating: Power over 12V/DC 500mA. Caution: Use only the supplied AC/DC Adapter
- Operating temperature range: e.g. 0 to 40C.
- To disconnect power sources, remove the AC/DC adapters from the wall outlets.

## Overview

This document will assist you in updating the firmware for the PRISMA. Please follow all instructions closely and contact us with issues.

**\*\*\*NOTE: The Firmware depicted in the images may be different than the version you are updating to. The process remains the same for MCU or FPGA Updates. \*\*\***

## Firmware Changes:

- Now there are two FPGA Firmware Versions: This enhances the overall flexibility of this device making it ideal to use with various customer and end use desires. If picture perfect color is important you can use the 1D LUT Greyscale and if long distance viewing or edge enhancement is important you can use PrismaView. All Prisma devices can be switched back and forth at any time!
  - 0050 (contains 1D LUT without PrismaView Sharpness enhancer)
  - 0040 (contains PrismaView without 1D LUT Greyscale color management)
- Main MCU Update 1.04 ~ Enhances interaction with third party software.

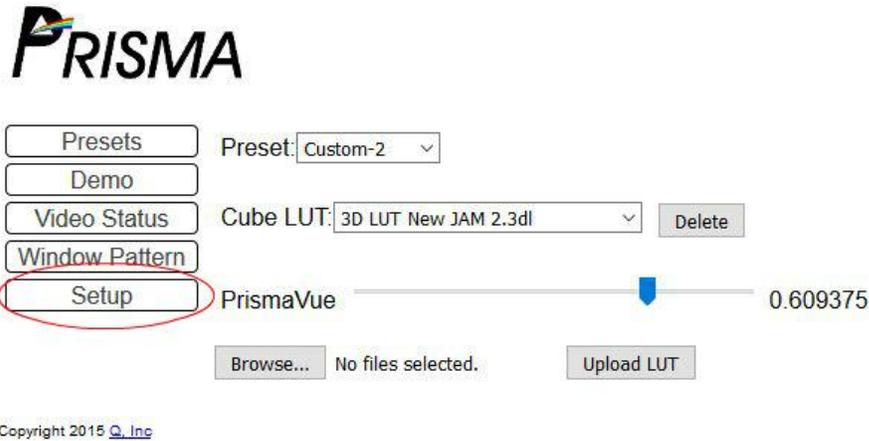
## Firmware update steps:

1. Connect to Prisma on the network (VIA IP address or .local address)
2. Choose "Setup" from the menu on the left hand side
3. Click "Browse..." from the Setup Menu
4. Locate the firmware file. Firmware files look like this:
  - FPGA - 1D LUT: "Prisma\_1d\_cube\_00XX.fpga"
  - FPGA – PrismaView: "Prisma\_pv\_cube-00XX.fpga"
  - Main Updates: "prisma-v1.XX-1234.mcu"
5. Click "Upload Firmware"
6. Once upload is complete, click "Install Update"
7. A dialog box pops up advising you the unit will reboot.
8. Click "OK"
9. The Prisma Reboots
10. The firmware is now loaded

Please see the step by step photos below for further assistance.

Visual Guide: - This guide assumes you are connected to the Prisma by a network connection, if you need more information on connecting the device consult the User Manual at [www.murideo.com](http://www.murideo.com) or contact us.

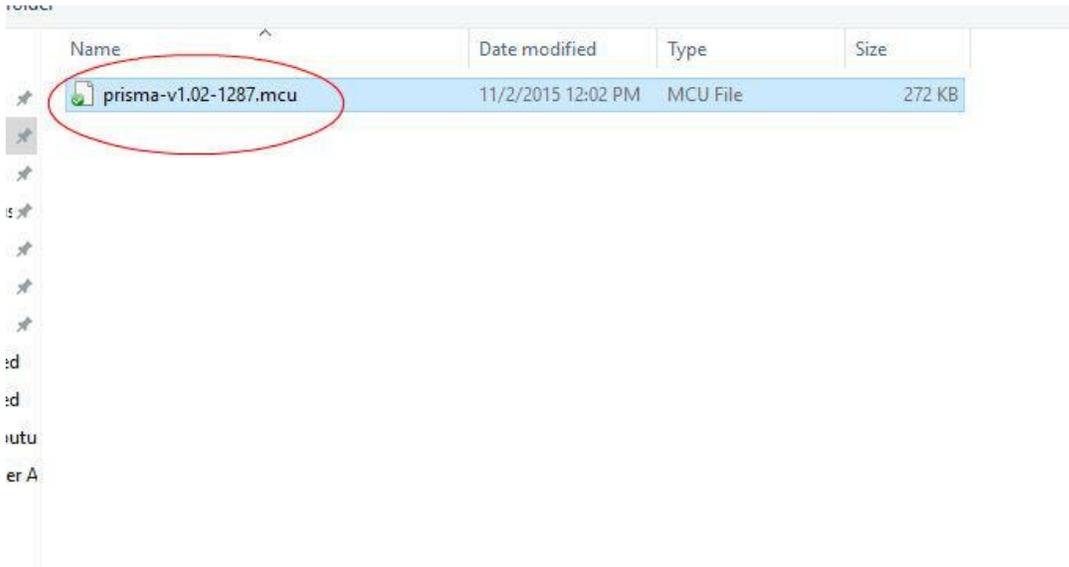
STEP 1: Choose "Setup"



STEP 2: Click "Browse"



STEP 3: Locate the file “prisma-v1.02-1287.mcu” and select it

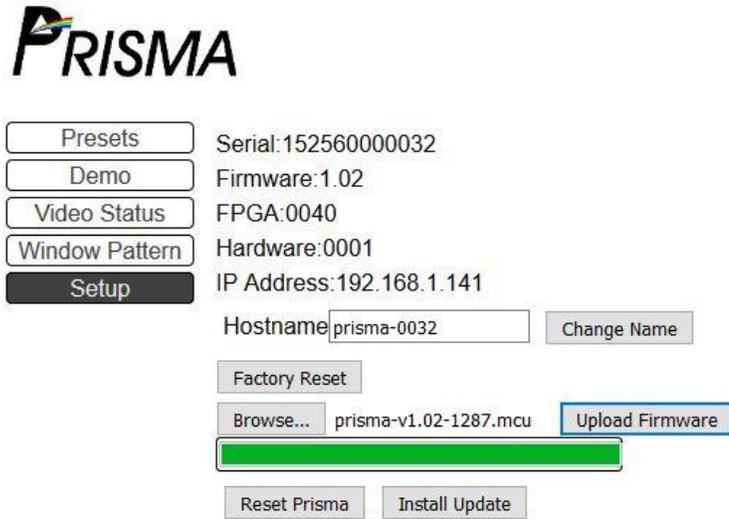


STEP 4: After you select the file, you return to the Setup Screen. From here click “Upload Firmware”



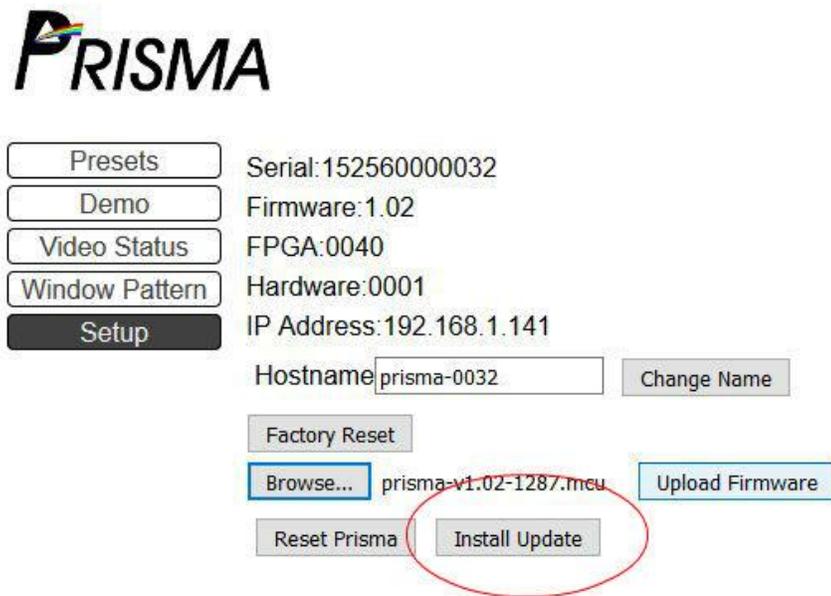
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STEP 5: Wait for the file to upload



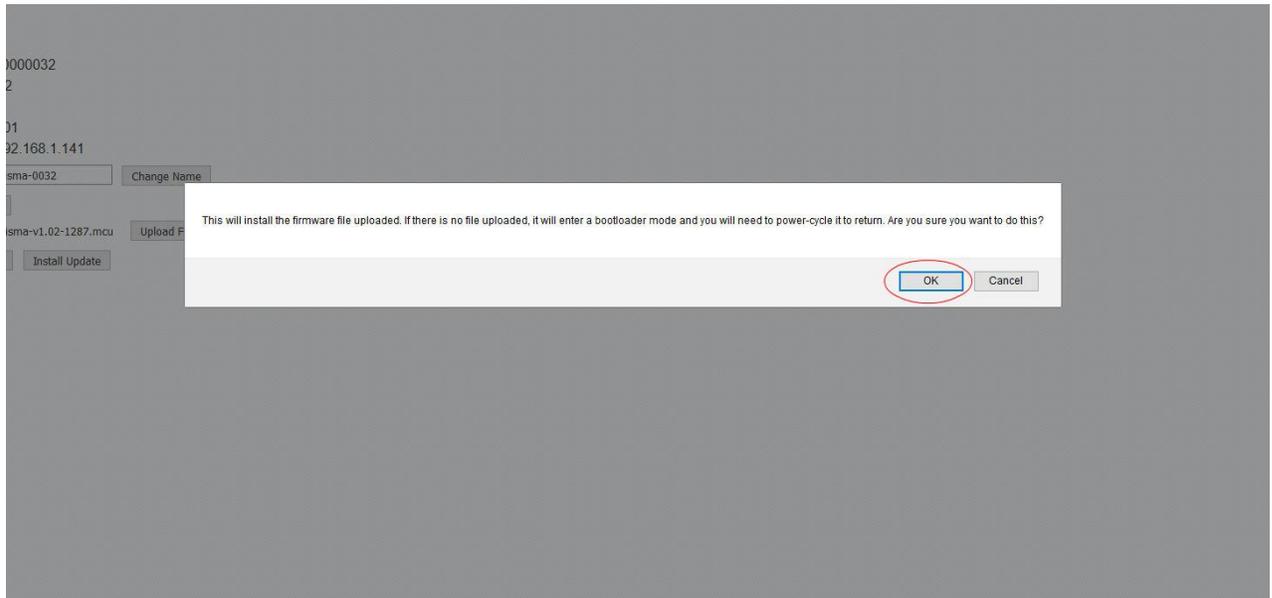
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STEP 6: Click "Install Update". PLEASE NOTE: A dialog box will pop up, see photo in step 7.



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STEP 7: Once this dialog box appears, click “OK”. PLEASE NOTE: The Prisma will now reboot, do not attempt use the Prisma until it is fully rebooted (1-2 minutes).



Once the Prisma is powered back on it is now up to date.