

HTT Series

HTT Firmware Upgrade Guide

Revision 1.0



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Revision History

Revision	Date	Description	Author
1.0	May 7, 2021	Initial Release	Henry

Introduction

A guide for firmware upgrading for the HTT series of displays on a Windows based computer. You will require power and USB connection; HDMI does not need to be connected. For PCB revision 1.5+ and 3.0+.

Downloads

Firmware

<https://www.matrixorbital.com/firmware/htt-firmware>

HTT Utility

https://www.matrixorbital.com/index.php?route=download/download_category&dpath=12_333

Installing the firmware

1. Power down the display and disconnect all cables from the display
2. On the back of the HTT, find a push button with the label BOOTLOADER
3. Press and Hold the button down, while holding
 - a. Connect power to the display
 - b. Connect USB to the display
4. A new drive should appear named 'CRP DISABLD' or 'CRP2 ENABLD', open this drive
5. Delete 'firmware.bin'
6. Copy the new 'firmware.bin' to the drive
7. Once the firmware has been copied, power down the unit, power it back up, the new firmware will automatically install

Verifying the firmware

1. Download and open the htt_util.exe in a command window
2. Execute 'htt_util.exe -scan', this will show the default values
3. The revision of the firmware is listed 'Firmware Rev : xxxxx'