



**PRISM**

**SDI / IP Waveform Monitor**

**Release Notes**

This document supports firmware version 3.5.4

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# Release notes

This document describes new features, fixes, and improvements of firmware version 3.5.4 for the PRISM SDI / IP Waveform Monitor.

## Compatible Products

### Upgrades

The following 25G products are compatible with this release:

- MPI and MPX that have been upgraded to 25G
- MPI2-10 and MPX2-10 that have been upgraded to 25G
- MPI2-25 and MPX2-25
- MPS-100/200/300
- MPD-100/200/300

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**NOTE:** This release is not compatible with 10G systems:

- MPI and MPX without 25G upgrade
  - MPI2-10 and MPX2-10 without 25G upgrade
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### Downgrades for MPI2/MPX2

Downgrading to a version earlier than v3.3.3 is not allowed for the following products due to the hardware configuration:

- MPI2-25 and MPX2-25 with serial number starting at S011000
- MPI2-10, MPX2-10, MPI, and MPX that have been upgraded to 25G and have Input Board Type “MMC25 rev A.3” or later (see Settings > Utilities > Version)

Downgrading from version 3.x to 2.x is not allowed for the following products due to the hardware configuration:

- MPI2-25 with serial number starting at S010564
- MPX2-25 with serial number starting at S010386

### Downgrades for MPS/MPD

Downgrading to a version earlier than v3.3.4 is not allowed for the following products due to the hardware configuration:

- MPS and MPD with serial number starting at S011000

Downgrading from version 3.x to 2.x is not allowed.

## New features

The following new features have been added to PRISM starting at version 3.5.2. Unless otherwise noted, new features apply to all products listed in the **Compatible Products** section.

- New ST2110 video monitor and generator formats:
  - 2048x1080 4:2:2 YCbCr 10b 23p, 24p, 25p, 29p, 30p
  - 4096x2160 4:2:2 YCbCr 10b 23p, 24p, 25p, 29p, 30p
  - 1920x1080 4:4:4 RGB 12b 23p, 24p, 25p, 29p, 30p
  - 2048x1080 4:4:4 RGB 12b 23p, 24p, 25p, 29p, 30p
  - 3840x2160 4:4:4 RGB 12b 23p, 24p, 25p, 29p, 30p
  - 4096x2160 4:4:4 RGB 12b 23p, 24p, 25p, 29p, 30p
- New HDR, Audio and EBU R103 alarms.
- New Immersive PCM audio support for SDI and IP including 5.1.4 / 7.1.4 surround sound display.
- Support for audio programs that are split across multiple ST2110-30 streams.
- Support for dual HDMI receivers on DP ports in MPX2 models.

## Resolved Issues and Improvements

This firmware release has the following resolved issues and improvements. Unless otherwise noted, fixes and improvements apply to all products listed in the **Compatible Products** section.

**GPIO** If GPIO is enabled at power on, Preset 6 would be recalled instead of the last known state.

**Network** For all PRISM models except MPS/MPD-100, the Video Port MAC addresses may be reset when upgrading to v3.5.2 or v3.5.3. When this happens, the MAC Address fields in Settings > Network > Status > VIDEO IP PORT will be set to 00:00:00:00:00:00 for both ports 1 and 2.

Contact Technical Support for assistance in restoring the Video Port MAC addresses.

**Power Down** Some MPS/MPD-100 and MPS-200 systems may not power down completely after pressing the front panel button, or when powering down from the UI menu at Settings > Utilities > Power.

Affected systems are in the following serial number ranges:

- MPS-100: S011001 – S011052
- MPD-100: S011001 – S011061
- MPS-200: S011001 – S011005

There is no issue with upgrading systems that are outside these ranges.