



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

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.