



**PRISM**

**SDI / IP Waveform Monitor**

**Release Notes**

This document supports firmware version 2.2

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# Release notes

This document describes new features, fixes, and improvements of firmware version 2.2 for the PRISM SDI / IP Waveform Monitor.

## Compatible Products

The following products are compatible with this release:

- MPI2-25 and MPX2-25
- MPI2-10 and MPX2-10
- MPI and MPX

## New features

- Support for RGB 444 10/12 bit Full/Narrow range: <sup>1</sup>
  - 3G-SDI Level A/B (requires option PROD)
  - Quad 3G-SDI Level A/B, 12G-SDI (requires option PROD and FMT-4K)
- Multiple ST2110-30 stream reception: <sup>1</sup>
  - Up to four ST2110-30 streams
  - Up to 16 audio channels in total
  - AUX SDI Output as SDI embedded audio
- SCTE104 decoding (requires option ENG-MEAS or QC):
  - Review the last 10 ST2110 ANC packets
- Downmix for 5.1. and 7.1 multi-channel audio program with Solo mode.
- Four trace tiles for HD/3G input.
- Anamorphic picture in SD.
- Upload and download presets from USB and web.
- Updated User Interface for application selection and preset operation.

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<sup>1</sup> Requires MPI2-25 or MPX2-25 products, or other PRISM products with option 25GE installed.

## Fixes and Improvements

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

- Improved the stability of Source ID and Time code decoding with ST2110-40 streams.
- Fixed a problem where RTP Payload Type could not be changed.
- Improved the stability of the software licensing system to prevent loss of licenses.
- Fixed a problem where the number of undersized IP packets would be over-reported after running for several hours.
- Fixed a waveform trace display problem when enabling 10x horizontal magnification for 4K and 8K signals.
- Fixed a problem in the Picture display where false color gamut detection outside of BT.709 color was not being properly displayed.
- Improved the stability of ST2110-40 streams when routed using NMOS IS-05.
- Fixed a display issue in IP Session where SDP files can scroll into an adjacent application tile.
- Enhanced input configuration to include Gamma and Gamut setup based on the received SDP file.