



PRISM

SDI / IP Waveform Monitor

Release Notes

This document supports firmware version 4.3.1

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Release Notes

This document describes new features, fixes, and improvements of firmware version 4.3.1 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
- MPP-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

Downgrades After upgrading to any version of 4.x, it is not possible to downgrade without assistance from Telestream technical support. Contact the Technical Support team or your local Account Manager if you need to perform a downgrade.

New Features

The following new features have been added to PRISM starting at version 4.3.1. Unless otherwise noted, new features apply to all products listed in the **Compatible Products** section.

JPEG XS Decode Up to four concurrent decoders are available for IP content that use the visually lossless, low latency JPEG XS decoder (ST 2110-22). HD and UHD/4K formats are supported as well as display metadata carried in the stream.

Requires JPXS license and FMT-4K for UHD/4K.

Multiple Input IP Multiple Input mode now supports ST 2110-20/22 IP streams, so up to four SDI or IP inputs can be monitored simultaneously, each with different formats and data rates. Enhancements have been made to NMOS to support Multiple Input IP, including support for up to 6 devices.

Requires MULTI license.

Luma Qualified CIE The CIE diagram can now be constrained to only display color within a specified luminance level of the picture. The LQ CIE feature can be used by Camera Operators, Lighting Engineers, and Color Editors to check white/black balance and creation of HDR content, among other applications.

Requires PROD license.

TSL Tally / UMD The TSL Tally function implements the TSL v5.0 protocol to indicate that a program is live using colored frames and Under Monitor Displays (UMD).

Standard, no separate license required.

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.

Display Improvements to Extended Display operation.

Security Security improvements including protection against the Terrapin vulnerability.