



PRISM

SDI / IP Waveform Monitor

Release Notes

This document supports firmware version 5.1.1

www.telestream.net

D00010030W

Copyright © 2025 Telestream, LLC and its Affiliates. All rights reserved. Telestream products are covered by U.S. and foreign patents, issued and pending. Information in this publication supersedes that in all previously published material. Specification and price change privileges reserved. TELESTREAM is a registered trademark of Telestream, LLC. All other trade names referenced are the service marks, trademarks, or registered trademarks of their respective companies.

Telestream products are covered by U.S. and foreign patents, issued and pending. Information in this publication supersedes that in all previously published material. Specifications and price change privileges reserved.

TELESTREAM is a registered trademark of Telestream, LLC.

Dolby, Dolby Audio, and the double-D symbol are trademarks of Dolby Laboratories.

Contact Telestream

Telestream LLC
848 Gold Flat Road
Nevada City, CA 95959
USA

For product information, sales, service, and technical support:

Worldwide, visit www.telestream.net/telestream-support/video/support.htm to find contacts in your area.

Release Notes

This document describes new features, fixes, and improvements of firmware version 5.1.1 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 for MPS, MPD, MPI2, MPX2 Contact Telestream technical support if you need to downgrade your software to an earlier version.

User Manuals Refer to the *PRISM MPI2-25 and MPX2-25 SDI/IP Waveform Monitor User Manual* for software compatibility and functionality for the following products:

- 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

Refer to the *PRISM MPS, MPD, and MPP SDI/IP Waveform Monitor User Manual* for software compatibility and functionality for the following products:

- MPS-100/200/300
- MPD-100/200/300
- MPP-100/200/300

New Features

The following new features have been added to PRISM starting at version 5.1.1. Unless otherwise noted, new features apply to all products listed in the **Compatible Products** section.

Function	Description
3D Look Up Table	User configurable 3D LUT being applied to Waveform, Vector, Diamond and Lightning displays. The feature supports 33x33x33 LUTs with tetrahedral interpolation, which can be imported as .cube files.
JPEG XS Test Signal Generation	JPEG XS test signal generation for signal path testing in IP video systems. Supports 5x, 10x and 20x Compression Ratio and Quality Control.
NMOS 04/05 for Generator	NMOS 04/05 support for IP Test Signal Generation and IP Display output to allow routing the streams to end points through an NMOS management system.
Banded False color	Multi-colored false coloring to represent how far the color of each pixel is from BT.709 / DCI P3 color boundaries.
Upper case support in Hostname	Upper case characters are now distinguished from lower case characters in Settings > Remote Access > Hostname.

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.

Function	Description
Audio	Audio glitch when losing audio on port #1 for 2022-7. PRISM reacts slowly and audio is "choppy".
IP Graph	IP graph has digit cut off in 4-tile mode.
NMOS	NMOS reports clock source as "internal". When NMOS command is patched to PRISM, IP graphs do not update with correct IP address and show previous values.
PTP	PTP Graphs not updating correctly and traces is missing.
Settings > Utilities	Settings menu items don't all fit on a single page.
SFP	MPI2-25 SDI will not work if SFP+ is plugged into 1/10G audio port.
Stability	Inconsistent UI response time.