telestream

PRISM

SDI / IP Waveform Monitor

Release Notes

This document supports firmware version 5.2

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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 5.2 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 5.2 Unless otherwise noted, new features apply to all products listed in the **Compatible Products** section.

Function	Description
3D Look Up Table for AUX SDI Output	User configurable 3D LUT being applied to AUX SDI Output. The feature supports 33x33x33 LUTs with tetrahedral interpolation, which can be imported as .cube files.
Thumbnail picture in Waveform	Thumbnail picture is added to Waveform application.
Trace width align to Picture width	The Waveform and Stop display applications now have the trace width aligned to the picture width when active line only mode is enabled.
Super White / Sub Black	Super White / Sub Black range are added to the Luminance False Color feature in the Picture application.
SD format support in AUX SDI Output	SD (525i, 625i) formats are now supported in AUX SDI Output with ST2022-6 and ST2110-20 inputs.

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
2110 Aux Out	No AUX SDI Output of ST2110-20 SD video.
	Incorrect VPID information on SDI out.
Audio	PRISM without Audio option stuck in session mode.
CIE	CIE Chart produces traces outside region of 709 when video signal has low level.
IP Video 2022-6	Stuttering audio on some SD 2022-6 services.
	ST2022-6 Aux out not functional after a reboot.
IP Video 2110	IP input of 525 requires user to use force format.
Restful API	"auto" for "closed_captions_display" API command is not available in API Help.
SD Formats	Video Glitches on SD Video.
SDI Loop Though	SDI Input 1 disrupts SDI out 4.
Stability	Touch and click stops working partially.