

PVML-HSX1

HDR-SDR conversion license for PVM-X3200/X2400/X1800



Overview

The PVML-HSX1 is an HDR-SDR conversion license for Sony's TRIMASTER high grade picture monitors, PVM-X3200, PVM-X2400 and PVM-X1800. This license can be used to support the Sony's proprietary HDR-SDR conversion when used in a live production environment. 4K to HD down-conversion and 3D LUT conversion can also be applied at the same time and output to external 4K/HD devices. Our tetrahedral LUT interpolation in the monitors ensures the highest level of processing for the best possible final results. This feature is activated via USB port on the front control panel of the PVM-X3200, PVM-X2400 and PVM-X1800. You can use this feature in versatile applications.

Notes: PVM-X2400 and PVM-X1800 monitors must be updated to V2.0 or later. With V4.0 firmware, the PVM-X3200, PVM-X2400 and PVM-X1800 supports two lower-priced and limited functional licenses of the PVML-SCX1 or PVML-TDX1. When you only need them without the Sony's HDR-SDR conversion, the PVML-SCX1 is another choice. When you only need the 3D LUT baked output feature, the PVML-TDX1 is the license for the purpose.

Features

HDR-SDR conversion support*

The optional PVML-HSX1 HDR-SDR conversion license** enables the HDR-SDR conversion function of PVM-X3200, PVM-X2400 and PVM-X1800 for use in a live production system.

The license activates 4K to HD downconversion; colour space conversion from ITU-R BT.2020 to ITU R BT.709; and OETF conversion from HDR EOTF S-Log3 (HDR), ITU-R BT.2100 (HLG), SMPTE ST 2084 to SDR EOTF 2.4.

It also allows output of converted pictures to another 4K or HD monitor from the Enhanced Monitor Output that supports 12G or 3G-SDI, even though an original 4K source is Quad link 3G-SDI. This function can be used at a remote site that can only be fed an HDR signal.

* PVM-X2400 and PVM-X1800 monitors must be updated to V2.0 or later first.

** PVML-HSX1 HDR-SDR conversion license available separately. HDR-SDR conversion is activated via the USB port of the front control unit.

User 3D LUT*

This license supports the output of signals with applied User 3D LUTs via the Enhanced Monitor Output to other 4K/HD devices further facilitating efficient workflows in live production, cinema, drama, commercial, music and documentary production environments. Our tetrahedral LUT interpolation in the monitors ensures the highest level of processing for the best possible final results.

*PVM-X2400 and PVM-X1800 monitors must be updated to V2.0 or later first.

Related products



PVM-X2400
4K HDR TRIMASTER high grade picture monitor



PVM-X1800
4K HDR TRIMASTER high grade picture monitor



PVM-X3200
4K HDR TRIMASTER high grade picture monitor



PVML-SCX1
Signal conversion output license for PVM-X3200/X2400/X1800



PVML-TDX1
3D LUT baked output license for PVM-X3200/X2400/X1800

Gallery

