HDMI 2.0/DP 1.2/12G-SDI 4K@60 I/O EXPANSION CARD

Ref. OPT-4K60P-SDI-VIO4K

ANALOG WAY®
Pioneer in Analog, Leader in Digital

4K@60Hz I/O expansion interface for the VIO 4K multiformat converter, featuring 12G-SDI, DP 1.2, HDMI 2.0 and Quad-Link 3G-SDI connectivity

4K60 4:4:4 | HDMI 2.0 | DP 1.2

12G-SDI | Quad-Link 3G-SDI | 12G-SFP Cage

The OPT-4K60P-SDI-VIO4K expansion card is a high-performance I/O video interface for the **VIO 4K** able to support formats up to **UHD/4K@60Hz 4:4:4** and featuring **DisplayPort 1.2**, **HDMI 2.0**, **12G-SDI, 12G-SFP** and **Quad-Link 3G-SDI** connectivity.

KEY FEATURES

- Adds one input and one output to the VIO4K
- One active input plug converted and scaled simultaneously to all output plugs (if output format is compatible with the plugs)
- Four input plugs: HDMI2.0, DP1.2, SDI (12G or Quad Link 3G-SDI) and 12G Optical
- Four output plugs: HDMI2.0, DP1.2, SDI (12G or Quad Link 3G-SDI) and 12G Optical
- High-quality scaling engine producing the best image quality possible
- The source can be positioned anywhere on the screen, and up to 100% outside the screen in any direction

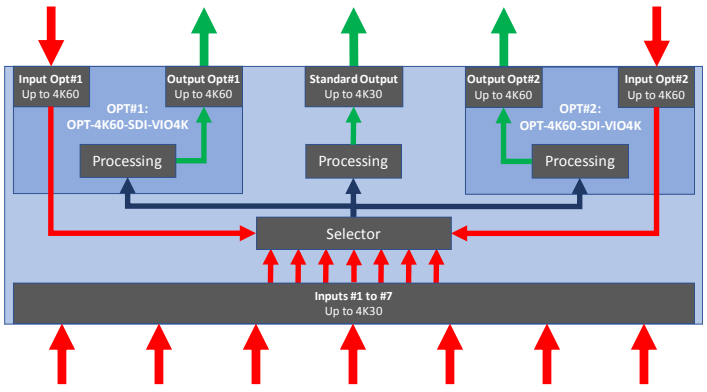

Diagram of VIO 4K equipped with two OPT-4K60-SDI-VIO4K cards

HDMI 2.0

- Up to 18 Gbps bandwidth
- Up to UHD/4K@60Hz 4:4:4 8 bits
- Up to 2560x1440@60Hz 4:4:4 10 bits
- Up to 2560x1440@120Hz 4:4:4 8 bits
- HDCP 1.4 and HDCP 2.2 compliant
- RGB 4:4:4; YCbCr: ITU-R BT.601, ITU-R BT.709 and ITU-R BT.2020 color spaces

DisplayPort 1.2

- Up to 21.6Gbps bandwidth
- Up to UHD/4K@60Hz 4:4:4 10 bits
- HDCP 1.3 Compliant
- RGB 4:4:4; YCbCr: ITU-R BT.601 and ITU-R BT.709 color spaces

12G-SDI and 12G-SFP Cage

- Up to 12Gbps bandwidth
- Up to 2160@60Hz 4:2:2 10 bits
- YCbCr: ITU-R BT.601, ITU-R BT.709 and ITU-R BT.2020 color spaces
- Also compatible with 3G-SDI / 6G-SDI and 3G-SFP / 6G-SFP

Quad 3G-SDI

- Either as input or output
- Up to 3Gbps bandwidth
- Support of 3G-SDI Level A and Level B
- Four quadrants or ST 425-5 2SI
- YCbCr: ITU-R BT.601, ITU-R BT.709 color spaces