

# Dual-Link DVI, DP, HDMI and 3G-SDI 4K@30 OUTPUT EXPANSION CARD

Ref. OPT-OUT-VIO4K



## 4K@30Hz output-only video expansion interface for the VIO 4K multiformat converter



4K30 4:4:4	Dual-Link DVI	HDMI
DP	3G-SDI	3G-SFP Cage

The OPT-OUT-VIO4K expansion card is an output-only video interface for the VIO 4K able to support formats up to **4K@30Hz 4:4:4 10 bits**, featuring **Dual-Link DVI, DisplayPort, HDMI, 3G-SFP** and **3G-SDI** connectivity.

### KEY FEATURES

Adds one output to the VIO4K

Converts any input signal from the standard frame or the other optional slot

The board processing handles input signal format up to 4K@60Hz 4:4:4. The output format reaches up to 4K@30Hz 4:4:4

5 output plugs: Dual-Link DVI, HDMI, DP1.2, 3G-SDI and 3G-SFP cage

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

### Dual-Link DVI

Up to 7.92Gbps bandwidth

Up to 2560x1440@60Hz 4:4:4 8 bits

HDCP compliant

RGB 4:4:4; YCbCr: ITU-R BT.601 and ITU-R BT.709 color spaces

### HDMI

Up to 10.2Gbps bandwidth

Up to UHD/4K@30Hz 4:4:4 8 bits

Up to 2560x1440@60Hz 4:4:4 10 bits

HDCP 1.4 compliant

RGB 4:4:4; YCbCr: ITU-R BT.601, ITU-R BT.709 and ITU-R BT.2020 color spaces

### DisplayPort

Up to 10.8Gbps bandwidth

Up to UHD/4K@30Hz 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

### 3G-SDI and 3G-SFP Cage

Up to 3Gbps bandwidth

Up to 2K@60Hz 4:2:2 10 bits

Support of 3G-SDI Level A and Level B

YCbCr: ITU-R BT.601 and ITU-R BT.709 color spaces

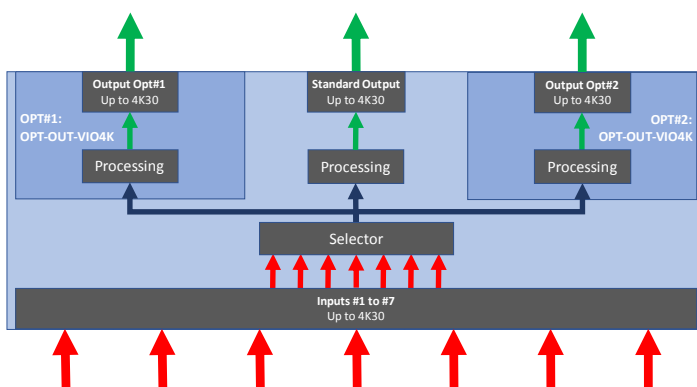


Diagram of VIO 4K equipped with two OPT-OUT-VIO4K cards