

Flexible realtime warping and blending appliance to work with simulators, large scale displays, control rooms and scientific applications. Configurable to utilise up to 8 inputs per device and up to double-8K resolution in outputs



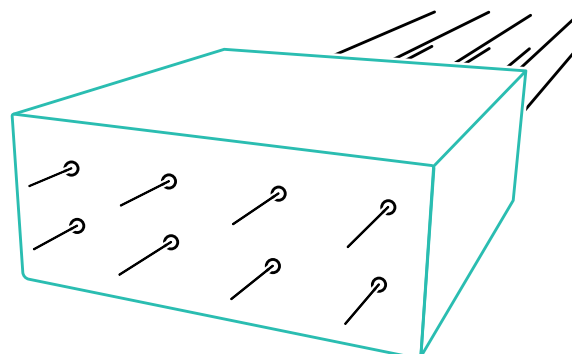
Fast pixel processing

8K

8K ready



up to 8x HD input or 2x 4K input



Form Factor

General Design	19" rack server 4HU
Dimension (WxHxD mm)	483 x 505 x 178
Weight	28 kg
Power Supply	2x integrated 850 W

System

CPU, RAM	Intel i7-6850, 32GB
HDD (SSD)	1x 256 GB
GPU output ¹	up to 5120 x 2880 at 60Hz via DP 1.4 up to 1920 x 1200 at 60Hz via DVI-D SL
GPU adaptors included	DP to DVI-D SL
Monitor Output	1x DP 1.2, 1x DVI-D

Operating System

Windows 7 x64	installed
Windows 10 x 64	-
VIOSO UI	yes

Applications

Warping & Blending	VIOSO Blackbox ² included
Auto-Alignment	supported ³
Desktop resolution adaption	-
Video Playback (max. 4K)	VIOSO Player
Professional Media Server	-
Show Control	(optional)

I/O Interfaces

USB	2x USB 2.0 (front) 8x USB 3.0, 2x USB 3.1 (rear)
Ethernet	2x RJ45, 1GB/s
Serial I/O	-

Audio Outputs

Audio Support	-
Analog Out	-
Digital Out	-

Common Product Options⁴

		QUAD 4x DP 1.4	OCTO 8x DP 1.4
2x DP Input	Up to 616 MPixel/s capture bandwidth per channel Captures up to 4096 x 2160p at 60Hz per input	WB-4-SCDP2	WB-8-SCDP2
4x HDMI Input	2x297 Mhz channels offering 3840x2160p at 30 fps 2x165 Mhz channels offering 1920x1080p at 60 fps	WB-4-SCHD4	WB-8-SCHD4
4x SDI Input	Four channels of 1920x1080p 60fps capture Supports 32, 24, 16 and 12 bit YUV and RGB formats	WB-4-SDSDI4	WB-8-SCSDI4
8x HDMI Input	4x297 Mhz channels offering 3840x2160p at 30 fps 4x165 Mhz channels offering 1920x1080p at 60 fps	WB-4-2SCHD4	WB-8-2SCHD4
8x SDI Input	Eight channels of 1920x1080p 60fps capture Supports 32, 24, 16 and 12 bit YUV and RGB formats	WB-4-2SDSDI4	WB-8-2SCSDI4

1. max. Displayport resolution: 5120 x 2880 at 60Hz, max. DVI-DL resolution: 2560 x 1600 at 60Hz via 3rd party adapter (not included), max. DVI-SL resolution: 1920 x 1200 at 60Hz via adapter (included)

2. Includes VIOSO Blackbox Software for managing multiple I/O configurations 3. supports camera based projector alignment; for supported cameras see http://faq.vioso.com/index.php?solution_id=1040

4. The VIOSO WarpBox is a customizable product with numerous additional options for inputs and outputs are available on request.