VIO 4K - Ref. V701

NEW

The Ultimate Video Processing Tool Box

Full Digital Processing

HDCP Compliant

LED WALL Application

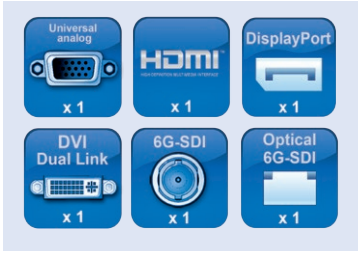
4K ULTRA HD

WebRCS

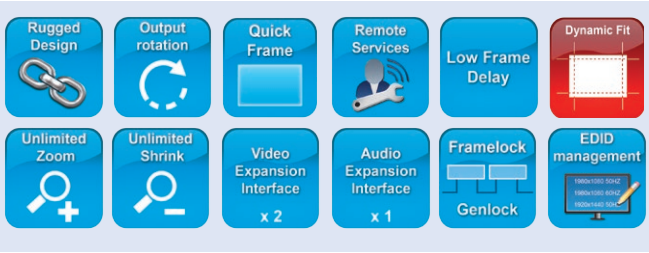
Advanced Audio Management

INPUTS

SIMULTANEOUS OUTPUTS



FEATURES



VIO 4K at a glance

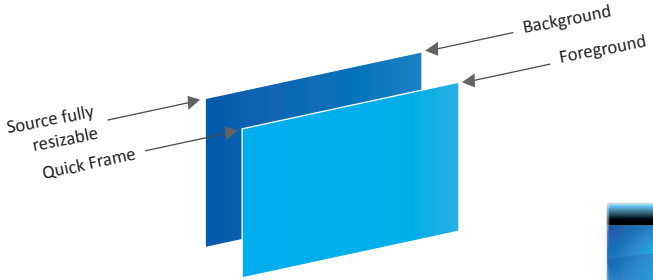
- The "All in One" solution for any conversion
- User-friendly and Intuitive Graphic Interface
- Diverse selection of option cards for video and audio system expansion
- Advanced LED Wall functionalities
- 10-bit processing 4:4:4

To control VIO 4K

- Web-based Remote Control Software (Web RCS)
- VRC300: Vertige™ (Available 2016)

Option

- OPT-4K60P-VIO4K: DP1.2 and HDMI 2.0 Expansion Interface (Available 2016)
- OPT-AUDIOXLR-VIO4K: XLR Audio Expansion Interface (Available 2016)
- OPT-VIDEOANA-VIO4K: Analog Video (YUV - S-Video - Comp) + Analog Genlock in loop Expansion Interface (Available 2016)
- OPT-12GSDI-VIO4K: 12G-SDI + Analog Genlock in loop Expansion Interface (Available 2016)
- OPT-6GSDI-VIO4K: 6G-SDI (Compliant SDI A & SDI B) + Analog Genlock in loop Expansion Interface (Available 2016)



Key features

7 Inputs

- DisplayPort up to 4K@30Hz
- HMDI up to 4K@30Hz
- 6G-SDI loop
- Universal Analog
- DVI Dual-Link up to 2560x1600@60Hz
- Video Optical SFP Module cage
- HDMI up to 2K/1080p (Front panel - Input #7)
- 3.5mm jack for stereo audio In (Front panel)

Output and plugs

- DisplayPort up to 4K@30Hz
- HMDI up to 4K@30Hz
- 6G-SDI (Compliant SDI A & SDI B)
- Universal Analog
- DVI Dual-Link up to 2560x1600@60Hz
- Video Optical SFP Module cage
- 6.35mm stereo jack for Headphone

Key features

- Up to 9 inputs and 3 independent outputs
- 2 slots for video option card system expansion
- 1 slot for audio option card system expansion
- The source can be positioned anywhere on the screen, and up to 100% outside the screen in any direction
- Easy Area Of Interest management
- Color temperature settings
- Output rotation: 90°, 180° and 270° per output
- Unlimited zooming and shrinking
- Live monitoring of sources on the large Color LCD TFT Display - 3.5''
- Cross hatch Dynamic Pattern
- New audio management: 8 channels up to 96kHz (Digital audio, AES & 3id)
- Audio Delay compensation up to 300ms
- Field swappable DVI I/O boards
- Memory space for 4 uncompressed frames in 4K
- USB Device host
- USB Device link
- USB Audio Streaming

Video available on YouTube
or on www.analogway.com

ANALOG WAY®
Pioneer in Analog, Leader in Digital

The "All in One" selection for any conversion

Anything In

- Composite (PAL, NTSC)
- S-Video
- YUV (Y CB Cr)
- Computer (RGBHV, RGBS, RGsB)
- HD-YUV (HD-YCrCb)
- HD-RGB
- DVI Digital
- HD-SDI
- 3G-SDI
- 6G-SDI
- 12G-SDI (Expansion Interface)
- SDI

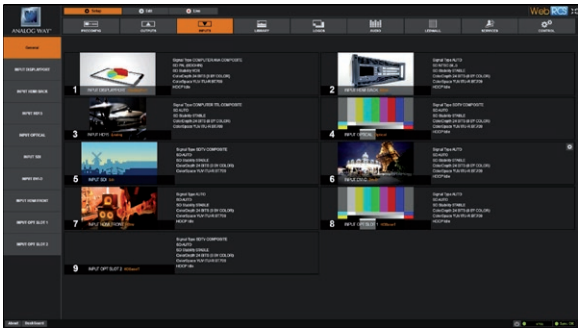
Anything Out

- Analog Audio Stereo
- Digital Audio S/PDIF
- 1080P/1080i
- 720P
- 480P/480i
- 2K/1080p
- WUXGA (1920x1200@60Hz)
- WQXGA (2560x1600@60Hz)
- High Resolution up to 4K@60P (Expansion Interface)

Universal system for format conversion

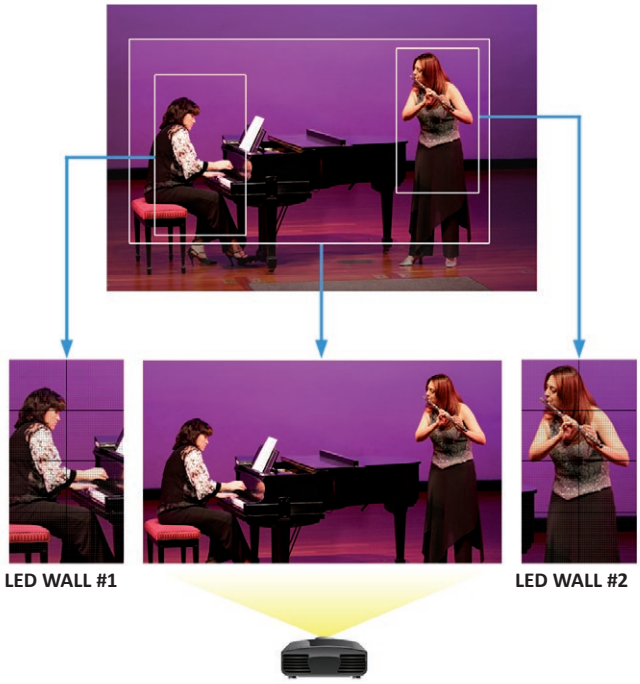
- Upward conversion
- Downward conversion
- Transcoder
- Coder
- Aspect ratios
- Multi-format Analog Genlock
- Test Patterns
- Pan & Zoom function
- Freeze Frame
- Aperture correction
- Advanced LED Wall functionalities
- Audio and Video monitoring directly from the front panel
- Output rotation
- Custom Formats
- EDID Management
- Genlock/Framelock

Web RCS



The **Web RCS** offers a user-friendly graphic interface. With dynamic snaphots of the connected sources available in the interface, the intuitive dashboard allows operators to fully adjust their displays and control them live during their events.

Use case



- Simultaneous source conversion to 3 independent outputs
- Extraction of different parts to produce creative displays

Dimensions
- 2U, 19”
- D 17.3’ x W 15.75’’ x H 3.46’’
- D 400 mm x W 440 mm x H 88 mm

Weight
- 6.2 kg/13.7 lbs

Power Supply
Internal, universal, automatic, 100-240 VAC 3,2A 50/60Hz; 120W (UL, CSA, GS, CE), AC Main switch with Fusible (cartridge 5x20 4A Fast 250VAC)

Supplied with
- 1 x Power supply cord
- 1 x Ethernet cross cable (For device control)
- 1 x USB 2.0 A-Male to B-Male cable (for device control)
- 1 x Rack mount kit (front ears)
- 1 x User Manual (PDF Version)*
- 1 x Quick Start Guide*

Warranty
3-year warranty on parts and labor back to factory.

* All User Manuals and Quick Start Guides are also available on www.analogway.com

Specifications subject to change without prior notice

All technical specifications are available on our website

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