WINGS ENGINE STAGE

Technical product details

Hardware	**WINGS ENGINE STAGE**
Product Type	Media Server
Product Dimensions	431mm x 720mm x 221mm
Case Dimensions	482mm x 760mm x 221mm
Weight	34 kg
CPU	Intel Xeon, 8 core
RAM	64GB ECC registered
Power Supply	120/230VAV, 50/60Hz, Max. 1000VA
Video Outputs	4x DP1.2
GUI Outputs	2 (1x DVI, 1x DP1.2)
Output Resolution Info	DP1.2: 4096x2160 @60Hz
USB Slots	2x USB3 front, 3xUSB3 back
Network	2x Gbit LAN
Video Inputs	2x DVI/RGB/YUV, 2x 3G-SDI
Audio interfaces	6x analog out balanced, 1x stereo phones out, 1x SPDIF out, 1x AES out, 1x ADAT out, 1x ADAT in, 2x analog in balanced
Touch Display	Yes, 8,9“
Genlock	Yes
Framelock	Yes
EDID Management	Yes
SSD OS	240 GB
SSD Data	1,9 TB standard / 3,8 TB and 7,6 TB optional (RAID 0)
SSD Data Rate	1GB/s (up to 2,5GB/s)
Software	**WINGS RX**
Operating System	Wings Engine OS (Windows 7 x64 embedded based)
Wings Vioso RX Software	Wings Vioso RX Pro
Vioso Camera Calibration	Any surface
Uncompressed Content Playback	Optional
Highres Content Production (Audio, Video, Graphics)	Yes
Video Layers	Unlimited
Audio Layers	Unlimited
Image Layers	Unlimited
Effect Layers	Unlimited
Show Control Layers	Unlimited
Performance Monitoring	Yes
Offline Preview	Yes
Wings Avio	Avio Advanced
Avio Manager	Yes
Wings Touch	Yes

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NEW 2017 HARDWARE REVISION

WINGS ENGINE STAGE

Versatile, Powerful and Robust

WINGS ENGINE STAGE

Versatile, Powerful and Robust

The Wings Engine Stage is a technologically advanced Media Server system featuring a solid hardware platform, **automatic camera based softedge and warping calibration**, as well as DVI/3G-SDI Live inputs and virtually no resolution and content limitations. Whether as part of **live events, corporate presentations** or **themed installations**, the wide ranging feature set combines hardware reliability with software flexibility.

WHAT'S NEW?

- Increased Case Stability
- Xeon Processor
- ECC Registered Memory
- 4 Display Ports 1.2 (with options for additional ports)
- Parallel DVI + Display Port GUI
- Multiple Hard Drive Options
- 6 symmetrical Audio Outputs, ADAT, AES and SPDIF
- USB 3.0

PERFORMANCE AND DURABILITY

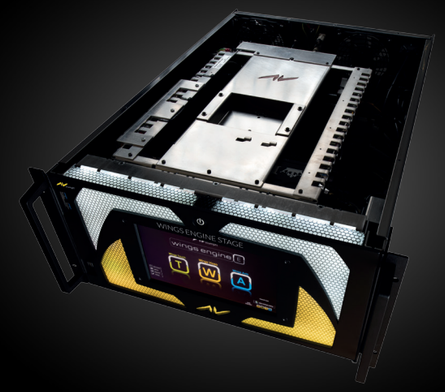
4K and beyond. Uncompressed Playback. Live Rendering.

All components of our Wings Engine Stage media server have been selected according to the following criteria: Uncomprising performance and robustness.
The resulting capabilities range from multi Full HD streams up to image sequence playback - so called uncompressed playback.

TOUCH CONTROL

Quick access. Intuitive use. Cool design.

The front panel holds the 8.9" touch display for quick system access and air inflow filters. These filters are backlit with a multi-color LED which reflects the system status with associated colors (OK, Busy, Idle, Error...). USB 3.0 connectors for fast content delivery are also conveniently located on the front panel.



CASE DESIGN

Robust. Shock-proof. Stylish. Professional.

Did you ever try to use regular computers in a rough staging environment? We have a „hands-on" understanding of rental & staging industry requirements. Combined with our over 40 years of experience in developing and manufacturing premium quality projection screens this results in an ingenious case design.

The outer case is made of high-strength stainless steel and holds an inner case made of aluminum alloy on shock absorbing anti vibration rubber buffers. All connections between the electronics compartment and the Neutrik plugs on the outer case are secured and maintenance free.

CONNECTIVITY

Input. Output. Control. Network.

The rear panel is designed for the intuitive and secure connection of cameras and live feeds, projectors, displays, audio, frame sync, network and of course: power. Large fans pull fresh air through the system for active cooling of the electronic compartment and all important connections are Neutrik plugs, which can be secured to prevent unintended signal disconnection during shows.

INPUTS

High resolution. Low delay. High frame rate.

Up to 2 DVI and up to 8 3G-SDI inputs feed live signals from cameras, computers or other signals into the media server. The live signals can be used together with content from the SSD Raid system, either as part of preprogram-med timelines or controlled live in real time.

OUTPUTS

High quality. High performance. Synchronized.

Wings Engine Stage is available with with 4 DP1.2 outputs for feeding signals to projectors or displays. All outputs are frame locked and can be genlocked to prevent tearing and jerking when using multiple projectors and/or displays and cameras in the same setup.