



Picturall Pro

Picturall Series



#MSP16-R1

Mission critical 8K modular media server. With the ability to playback media beyond 8K resolution and to drive up to 16x 4K@60Hz 10-bit outputs from a single server unit, the Picturall Pro media server is the true powerhouse in massive LED video wall installations and large corporate events.

Massive playback capabilities

Typical playback of up to 26x layers of full HD video or 6x layers of 4K@60Hz video or 2x layers of 8K@60Hz video (with AWX codec and the 4TB Performance storage option installed)
Unlimited media width and height with AWX codec
Canvas size up to 128K pixels across
Uncompressed image sequence playback up to 4K@60Hz (with the 4TB Performance storage option installed)
Up to 200 layers

Extended I/O capabilities

Up to 16 x DisplayPort 1.2 outputs
Output resolution up to 4096 x 2160@60Hz 10-bit
Full 4:4:4 color sampling
Up to four optional low latency input cards (five combined input/output cards) including 2x HDMI 1.4, 4x HDMI 1.4, 1x HDMI 2.0, 2x 3G-SDI, 4x 3G-SDI, 1x DVI and 2x DVI



Optional Genlock & Framelock card
Support for H.264 and H.265 network streams
Support for Newtek™ NDI (live video streaming)

Rock-solid reliability

Ruggedized, rack mountable chassis – 4RU
Designed for mission critical 24/7 applications
Runs on custom and optimized Linux operating system
Optional redundant, hot-swappable power supplies
Easy access to front fans and filter for swift cleaning
3-year standard warranty, extendable to 5 years

Flexible setup and control

Remote control software with a light, highly efficient, user interface
External control via ArtNet and TCP/IP – Optional RS232
Comprehensive text based external control protocol
Flexible integration with 3rd party control systems
Multi-user control

Supported Media Formats

AWX, AWX HQ and AWX alpha (Analog Way proprietary high-performance codec)
HAP, HAP-Q, HAP Alpha and HAP-Q Alpha
Apple ProRes (any version including ProRes 4444)
MPEG1, MPEG2, MPEG4, MJPEG
H.264, H.265
JPG, TGA, TIFF, BMP, GIF, PNG with alpha channel
Uncompressed image sequences (TGA, DPX)
HTML-based web content with full Java script support

Advanced features

Create display configurations (large scale LED walls, multi-projector edge blending, multi-screen applications...)
Outputs with independent positioning, edge blending, keystone and curved surface correction
Custom output resolutions for LED walls
Programmable outputs and layers positioning, rotation, color correction, warping and blending
36 real-time effects including comprehensive keying options
Flexible cue-based show programming
HTML browser input for layers
Support for single-layer crossfades on every layer

Audio

Optional two-channel audio interface with balanced XLR



outputs

Support optional multichannel audio interfaces via USB

Audio formats: wav, mp2, aac

Media Storage

1TB SSD – Speed 1000 MB/S

Optional 2TB drive and 4TB (instead of 1TB)

Optional 4TB Performance drive – Speed 1600 MB/S