

Picturall Quad Compact

Ref. MSQC04-R1



Heavy-duty, compact quad-output 4K media server. Designed for large scale events and installations requiring high levels of performance and stability



Powerful and compact quad 4K solution

Picturall Quad Compact is a compact media server with same core features as its larger siblings of the Picturall series. It has enough performance for large scale installations and events as a standalone unit but is also perfect companion for Analog Way seamless image processors. 4K@60Hz 10-bit outputs, high playback performance and flexible input options make **Picturall Quad Compact** a powerful and versatile video playback and processing solution for corporate events, architectural installations, sports venues, large theaters or medium scale LED video wall installations.

Rock-solid reliability

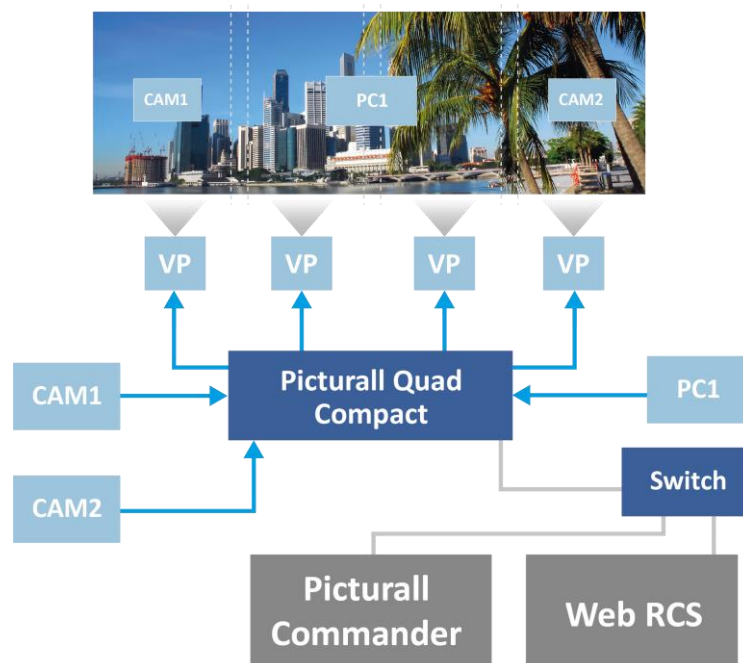
Built on Analog Way's long experience in ruggedized image processing hardware, the Picturall series of media servers has been designed to provide a robust, heavy-duty platform and deliver optimized uptimes and durability for the most demanding applications. **Picturall Quad Compact** is based on the rock-solid software Linux engine by Picturall renowned for its extreme reliability, which is a result of 10 years of R&D development and field experience

Flexible setup and control

The Picturall Commander software is an intuitive, elegant and powerful user interface to configure and control the Picturall series of media servers. **Picturall Quad Compact** offers IP (Ethernet), RS232 and ArtNet interfaces which enable easy integration with any third-party control systems. Features like automatic show start, custom resolutions, parallel cue lists and multi-user control gives you flexibility in programming and control.

Application example

Soft-Edge Blending 4 projectors



Picturall Quad Compact at a glance

- ▶ Cost effective design
- ▶ Heavy-duty ruggedized compact 2RU chassis
- ▶ Quad 4K@60Hz 10-bit outputs
- ▶ Up to 4 inputs (HDMI 1.4, HDMI 2.0, 3G-SDI, DVI)
- ▶ High video playback performance
- ▶ Flexible integration with 3rd party control systems
- ▶ Rock-solid media server Linux software engine
- ▶ 3-year standard warranty

Playback performance (AWX and AWX HQ)	Twin	Twin Compact	Quad	Quad Compact	Pro ^[1]	Pro ^[2]
HD@60 media layers	8	8	12	12	16	26
HD@60 HQ media layers	3	3	4	4	6	14
4K@60 media layers	2	2	3	3	4	6
4K@60 HQ media layers	0	0	1	1	2	4
8K@60 media layers	0	0	0	0	1	2
8K@60 HQ media layers	0	0	0	0	0	1

[1] Standard media drive configuration [2] Optional performance media drive configuration

KEY FEATURES

Ruggedized, rack mountable 2RU chassis

Runs on custom and optimized Linux operating system

Four 4K@60Hz 10-bit outputs

Unlimited media width and height with AWX codec (limited only by hardware performance)

High video playback performance: playback of up to 12x layers of full HD video or 3x layers of 4K@60Hz video (with AWX codec)

Media playback beyond 4K across with a single file

Up to 4 inputs (HDMI 1.4, HDMI 2.0, 3G-SDI, DVI)

Soft-edge blending of multiple projectors

Custom output resolutions for LED walls

Programmable outputs and layers positioning, rotation, color correction, warping, blending and more...

36 real-time effects including comprehensive keying options

Pixel accurate synchronization between all outputs

Flexible cue-based show programming

Support for single-layer crossfades on every layer

Apple™ ProRes authorized product

HTML browser input for layers

Support for Newtek™ NDI (live video streaming)

Support for H.264 and H.265 network streams

EDID support

Support for direct ArtNet, TCP/IP or RS232 control

Flexible integration with 3rd party control systems

Use the included Picturall commander software for complete control of your event

Multi-user control

Automatic show start on boot

Easy access to air filter for swift cleaning

3-year standard warranty, extendable to 5 years

Dimension (in Rack Units - RU)

▶ 2RU

Dimensions (without rack ears and rear rack mount)

▶ W 17.28" x H 3.46" x D 20.07"
▶ L 439.5 mm x H 88 mm x P 510 mm

Dimensions (with handles)

▶ W 18.98" x H 3.46" x D 21.65"
▶ L 482 mm x H 88 mm x P 550 mm

Weight without accessories

▶ 14.2 kg / 31.30 lbs

Shipping weight accessories included

▶ 19.7 kg / 41.88 lbs

Operating conditions

▶ Temperature: 0 to 40°C (32 to 104°F)
▶ Humidity: 10% to 80%, non-condensing

Noise (@1,6m height @25°C)

▶ Front: 45 DBa@1m
▶ Rear: 44 DBa@1m

Thermal dissipation

▶ 512 BTU/hr

Warranty

3-year warranty on parts and labor back to factory

Power supply (standard)

▶ 100-240 VAC 50/60Hz 12,6-6A
▶ Max consumption: 200 W

Safety Compliance

▶ IEC/UL/EN 62368-1
▶ CSA22.2#62368-1

Supplied with

▶ 1 x Power supply cord
▶ 1 x Remote Control Software
▶ 1 x Rackmount kit
▶ 1 x Ethernet cross cable (for device control)
▶ 1 x User manual (PDF)*
▶ 1 x Quick start guide including safety instructions*

OUTPUTS

Four DisplayPort 1.2 outputs

Output resolution up to 4096 x 2160@60Hz 10-bit

Full 4:4:4 color sampling

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

PERFORMANCES

Up to 200 layers

Typical playback of up to 12x layers of full HD video or 3x layers of 4K@60Hz video (with AWX codec)

Uncompressed playback up to 4K@30Hz

Canvas size up to 32k pixels across

MEDIA STORAGE

525GB SSD - Speed 1000 MB/S

Optional 1TB drive (instead of 525GB)

AUDIO

Optional two-channel audio interface with balanced XLR outputs

Support optional multichannel audio interfaces via USB

Audio formats: wav, mp2, aac

OPTIONAL INPUTS

One optional low latency input card:

2 x HDMI 1.4, 4 x HDMI 1.4, 1 x HDMI 2.0, 2 x 3G-SDI, 4 x 3G-SDI, 1 x DVI, 2 x DVI

Network streams (H264, H265...)

Newtek™ NDI (live video streaming)

CONTROL

Picturall Commander user interface software

TCP/IP

ArtNet

RS232 (option)


NETWORKING

1Gb EtherCon

OPERATING SYSTEM

Optimized Linux OS

*All technical specifications and videos are available on www.analogway.com

 Specifications subject to change without prior notice

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