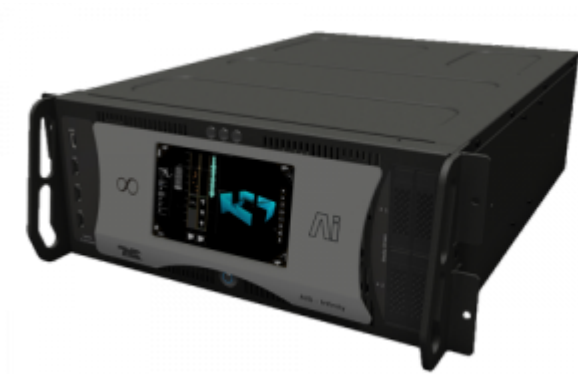# Ai Server Infinity Series

Award winning,ultra high specification Media Server

The award winning, record breaking Ai Infinity server is the talk of the industry. Its 8 unique full HD DVI outputs, each with internal EDID management and production & preview connectors are the envy of the competition.

The Infinity server includes many more unique hardware features, such as LTC timecode input, DMX 512 & Artnet output and a front panel touch screen showing the Ai Visualiser. All of these features reduce the requirement for other separate rack mounted products which also reduces the overall project budget and saves on precious rack space.

Features :

Smooth playback of multilayer 4K or 8K* media using the AiM Codec.

• Up to 4 full 1080p HD outputs (Infinity 4) or 8 full 1080p HD outputs (Infinity 8).

• 8 fixture groups x 4 layers = 32 media layers.

• Internal EDID Management for each of the 8 outputs. Rear DVI connections are hot swappable!

• Integrated front panel touch screen interface.

• Genloc Camera Sync.

• LTC Timecode Input.

• 4 DMX outputs.

• Soft-edge blending of multiple projectors.

• Timeline, Timecode Sequencer.

• Support for 3D displays

• Build and create in the 3D Stage Visualiser.

• Remote vertex adjustment.

• Map and warp onto any 3D surface.

• Video map onto any moving scenery.

• Intuitive modular LED support.

• Configure multiple systems as Master Slave.

• Internet and iPad remote control (via VNC).

• Artnet and KiNet output protocols.

• Anti Shock & Internal Sub Frame construction.

• Supplied pre-installed with an extensive Media Library of 320 AiM clips

• Also available with 1 x VGA / DVi + 2 x HD / SDI capture inputs

or alternatively 4 x HD / SDI capture inputs.

* to enable playback of 8K Media the SSD upgrade option is needed.

Tech Spec:

8 DVI production outputs with EDID management.

8 Preview outputs. Making a total of 16 x DVI-D output connectors (2 for each output)

DVI outputs are ESD protected.

DVI signals re-generated to enable long cable runs.

Maximum output resolution for each DVI output is 1920×1080 @ 60Hz

Capture Input options:

1 x DVI and VGA & 2 x HD-SDI

or

4 x HD SDI

7" wide angle touch screen ergonomically slanted for ideal viewing angle. Used for preview, setup and management of the server.

4 DMX outputs, Opto and Galvanic isolated on XLR 5 pin connectors.

1/4? Jack SMPTE LTC/EBU Time Code input is Galvanic Isolated.

1/4? Jack Stereo Audio Out and Input.

Ethernet 100MB connection RJ45 Neutrik Ethercon outlet.

3 USB-2 inputs on the front panel and 3 x USB-2 inputs on the back panel

ESata interface on the front panel.

Neutrik captive USB connector on the back for Sapphire Media console connection.

BNC input for Genlock signals.

Server Sync connection RJ45 Neutrik Ethercon. Used to synchronise Ai-T8 and Ai-Infinity servers.

i7 quad core processor and 8Gb RAM.

High capacity, heat-pipe based, low speed and low noise CPU cooler.

60GB SSD for the System.

Two interchangeable 180GB SSD fitted on metal SSD carriers for Content (Raid 0)

Two additional interchangeable metal SSD carriers for additional Content drives (Raid 0)

750W auto ranging PSU.

Purpose built 19" 4 HE steel enclosure 650mm Max dept, 610mm behind 19" strip.

Provisions for 19" captive full length Accuride rack slides.

Sturdy rack ears with integrated handles provided.

Two speed controlled slow speed fans with Maglev bearings (very quiet).

Output connectors are physically protected.

Motherboard and Graphics cards are suspended on an anti-vibration sub-frame.

Provision for security cable attachment.

Dimensions

Unboxed: 426.2mm x 596.2mm (658.52mm with ears) x 4RU

Boxed: 780mm x 598mm x 360mm

Weight

Unboxed: 26kg – 30kg*

Boxed: 28kg – 32kg*

* Depending on options