TESSERA S4

MATRIX VISUAL

The S4 is a perfect combination of power and value.

The S4 delivers all the flexibility of the Tessera system in a rugged and compact 1U package. The S4 is ideal for shows and events that do not require the front-side processing, scaling, rotation or DMX control of the M2, but still require the ability to drive as many LED fixtures as the M2, using the convenience and flexibility of the Tessera protocol. This makes it ideal for large arrays of high resolution panels where speed of deployment and image quality are key.

The S4 has a single DVI-D input, and supports resolutions up to 1080p60, and just like the M2 processor, supports 4 Tessera Protocol Gigabit Ethernet outputs. Each output can support a nominal 500,000 pixels @ 60Hz.

The system is configured using the intuitive and powerful Tessera management software as used on the M2. This gives you the option of using a remote PC (Windows or Mac) or working locally by plugging a mouse, keyboard and monitor directly into the processor. Live control of multiple Tessera processors can be achieved using the Tessera Control application, also available for Windows PC or Mac.

All the processors in the Tessera family communicate with LED panels fitted with Tessera receiver cards. This allows them to communicate bi-directionally with the panel over Gigabit Ethernet. The use of standard Ethernet allows off-the-shelf Gigabit Ethernet networking equipment and cabling to be used. Tessera receiver cards can be retro-fitted to either existing panels or seemlessly integrated into new designs.

The combination of Tessera processing and receiver cards allows system-wide synchronous panel refresh, genlocking to source and superior greyscale performance.

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TESSERA S4 PROCESSOR
Specifications

Physical
Unboxed (WxHxL):
431.8mm (19") x 44.5mm (1.75") x 342.9mm (13.5")

Electrical
100 - 240V AC, 50Hz - 60Hz, 40W nominal
Autoranging power supply

Weight
Net: 3.1Kg (6.8lbs)

Inputs
DVI-D
up to 1920 x 1080 @ 60Hz
Support for RGB and YCbCr colour spaces
HDMI support with suitable adapter
No HDCP support

Outputs
4 Gigabit Ethernet outputs, nominaly 500,000 pixels supported per output

Remote Applications:
Both Management and Control applications:
Gigabit Ethernet port supports network connection from Windows PC or Mac OS using Tessera management software
Windows and Mac OS X compatible

Remote Control
Tessera Control application for multi-processor control

I/O
2 x USB2.0 ports on front
2 x USB2.0 ports on rear
1 x DisplayPort DP++ monitor output

Front Panel Controls:
Freeze button
Blackout button

Warranty
2 years

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