

TESSERA T1



The T1 has a powerful feature set in a cost effective package.

The T1 has the front-side processing, scaling, rotation and DMX control of our flagship M2 processor, but with a single Tesseract Protocol output. The T1 is ideal for small screens, LED battens or strips, lo-res and 'creative' LED fixtures with lower pixel counts.

The T1 has a single DVI-D input, and supports resolutions up to 1080p60. It has a single Tesseract Protocol Gigabit Ethernet output, supporting a nominal 500,000 pixels @ 60Hz.

The system is configured using the intuitive and powerful Tesseract 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 Tesseract processors can be achieved using the Tesseract Control application, also available for Windows PC or Mac.

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

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



TESSERA TI 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

1 Gigabit Ethernet output, nominally 500,000 pixels supported

Remote Applications:

Both Management and Control applications:

Gigabit Ethernet port supports network connection from Windows

PC or Mac OS using Tesseract management software

Windows and Mac OS X compatible

Remote Control

Support for eDMX protocols: Art-Net, Pathport, sACN, Streaming

RDM

DMX512-A In and Thru.

Tesseract 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

Warranty

2 years



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