



BROMPTON M2

Tessera M2 LED Processor
Unrivalled front-end processing.

MEASUREMENTS

482.6mm x 88.9mm x 508.0mm

Rear width: 431.8mm

WEIGHT

9kg

ELECTRICAL

Switched autoranging power supply

100 - 240V AC

47Hz - 60Hz

1 - 0.5A

DVI-I INPUT

1 x DVI-I input

Up to 1920 x 1080 at 60Hz

Non standard resolution support for : 1600 x 1200,

2880 x 720, 720 x 2880 and 1080 x 1920

Support for RGB and YCbCr colour spaces

DVI-D

DVI-A

VGA/RGBHV

YPbPr

HDMI support with suitable adapter

No HDCP support

With loop thru

SDI INPUTS

Two 3G SDI inputs with relocked loop thrus that support the following:

SD-SDI - SMPTE 259M-C:

576i50 4:2:2 10 bit YCbCr

486i59.94 4:2:2 10 bit YCbCr

HD-SDI - SMPTE 292M

720p23.98/24/25/29.97/3050/59.94/60 10 bit YCbCr

1080i50/59.94/60 4:2:2 10 bit YCbCr

1080p23.98/24/25/29.97/30 4:2:2 10 bit YCbCr

3G-SDI - SMPTE 425M-A/B:

1080p50/59.94/60 Level A 4:2:2 10 bit YCbCr

1080p50/59.94/60 Level B DL 4:2:2 10 bit YCbCr

Two inputs can be used together to support

Dual Link SDI - SMPTE 372M:

1080p50/59.94/60 4:2:2 10 bit YCbCr

OUTPUTS

Four 1 Gigabit Ethernet output ports each capable of a normal 525K pixels at 8 bits per colour, 60Hz frame rate

10 and 12 bits per colour output supported at reduced pixel counts

GENLOCK

Bi-level and Tri-level sync

Sync to source

Processors genlock from source right through to panel refresh

Frame rates from 23.98 to 60Hz

LATENCY

3 frame end-to-end system latency (all features)

2 frames end-to-end system latency

in low-latency mode (restricted features)

TESSERA MANAGEMENT SOFTWARE

Local management using monitor, keyboard and mouse connected directly to processor

Monitors from 1280 x 1024 up to 1920 x 1080

DP++ monitor output supports HDMI, DVI and VGA using a suitable adapter

TESSERA REMOTE

Available free for Windows PC and Mac OS

Remote management using Windows PC or MAC connected to processor via Ethernet network

Two Gigabit Ethernet management network ports

I/O

Two USB 2.0 ports on front

Two USB 2.0 ports on rear

One DisplayPort (DP++) monitor output

FRONT PANEL

Eight status LEDs

Power LED

WARRANTY

Two years

CERTIFICATIONS

CE, ETL/cETL

