

Technical Information

Inputs

Signal Type 4x 3G-SDI via BNC Connector

1 x DVI-I via DVI Connector

SDI Format:

3G, HD, SD-SDI

Auto -detect:

SD-SDI (SMPTE 259M-C)

HD-SDI (SMPTE 392M)

3G-SDI (SMPTE 425M-A)

with re-clocked loop through

Max Resolution 1920x1080p 60Hz

Digital DVI-D Format:

Max HD Resolution 1920x1080p@60Hz

Max PC Resolution 1920x1200@60Hz Reduced blnk

Analog DVI-A Format:

Max HDTV Resolution 1080p@60Hz

Max PC Resolution 2048x2048

Max Horiz Scan Rate 150KHz

Signal Format RGBHV, RGBS, RGsB, YPbPr

Sync TTL Level, 10K□, Pos or Neg

Termination 75□

R-G-B Level Range 0.5-2.0 Vp-p

Scan Rate Detection Automatic

Output

Signal Type 1x DVI-I via DVI-I Connector

1x 3G-SDI via BNC Connector

SDI Format:

3G, HD, SD-SDI

SD-SDI (SMPTE 259M-C)

HD-SDI (SMPTE 292M)

3G-SDI (SMPTE 425M-A)

Digital DVI-D Format

Max HD Resolution 1080p@60Hz

Max PC Resolution 1920x1200@60Hz

Technical Information

Analog DVI-A Format

Max HDTV Resolution 1080p@60Hz

Max PC Resolution 2048x2048

Vertical Refresh Rate Any to 250Hz

Signal Format RGBHV, RGBS, RGsB, YPbPr

R-G-B Level 0.7 Vp-p

General

Size and Position Automatic via AutoSet or Manual

Image Size User-Definable Presets

Image Freeze One Video Frame

Settings Memory Non-Volatile

Shrink Range Variable to 10%

Image Mirroring Horizontal and/or Vertical

Zoom Range Variable to 10X Zoom

Horizontal Filtering Full Digital

YPbPr de-interlacing Motion adaptive + noise reduction

Film Mode (525i/1080i) 3:2 Pull Down Detection

Conversion Technology Proprietary – CORIO®2

Frame Rate Conversion Frame add/drop

Color Resolution 24-bit (16.8 Million Colors)

Sampling Rate 162MHz

Digital Sampling 24-bit, 4:4:4 format

Firmware Memory Flash, Upgradeable via RS-232

Analog Video Adjust R-G-B Levels Contrast, Phase

Control Methods

Local via Front Panel Buttons & LCD

RS-232/RS-485/RS-422 via D9 Female Connector

Ethernet (TCP/IP) RJ45

Mechanical

Desktop Case (HWD) 44x420x200mm (

With Rack Ears (HWD) 44x482x200mm

Weight (Net) 3.08kg

Power Requirement

Internal Power Supply 100-240VAC, 50-60Hz, 50W

Disclaimer: Changes in the data MAY have been made by the manufacturer without notice.

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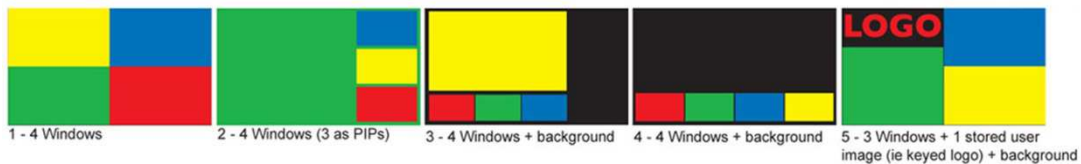
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Product Information

- 4-Window Processor
- 4x High Quality CORIO®2 Scaling Engines
- 4x 3G SDI inputs with re-clocked loop-thru
- 4x Internal Still Image Stores
- 5th input (DVI-I) for background or cascading multiple units
- SDI support for SD/HD/3G-SDI 1080p@60Hz
- DVI-D I/O support to 1920x1200, 1080p@60Hz
- DVI-A I/O support to 2048x2048, 1080p@60Hz
- Analog supports RGBHV, RGBS, RGsB, YPbPr
- 10 User-definable Presets for quick setup
- Motion Adaptive De-interlacing and Noise Reduction
- Audio monitoring via colored bars
- Color Borders and Source Labeling
- Variable Image Zoom to 10X and Shrink to 10%
- Per-pixel or Percentage Scaling Control
- Autoset - Automatic Analog Picture Sizing
- Chromakey, Luma-key, Genlock and Mix
- Front Panel includes LCD, Menu Control and Quick- Setup features
- Control via RS-232/RS-422/RS-485, Ethernet or Front Panel
- CORIOtools Suite compatible
- 1RU rack-mount case

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