

## VIDEO PROCESSING

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### Processing

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4:4:4 (Y/Pb/Pr, RGB), 10-bit

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## SUPPORTED FORMATS

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### Video

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480/59.94i, 576/50i, 480/59.94p, 576/50p, 720/59.94p, 720/50p, 1080/59.94i, 1080/50i, 1080/59.94p, 1080/50p

\* SDI and Composite input can input the same frame rate as a setup menu setting.

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### PC

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640 x 480/60 Hz (\*1), 800 x 600/60 Hz (\*1) (\*3), 1024 x 768/60 Hz (\*1), 1280 x 768/60 Hz (\*1), 1280 x 1024/60 Hz (\*1), 1366 x 768/60 Hz (\*1), 1400 x 1050/60 Hz (\*1), 1600 x 1200/60 Hz, 1920 x 1080/60 Hz, 1920 x 1200/60 Hz (\*2)

\* Conforms to VESA DMT Version 1.0 Revision 10

\*1 Output refresh rate is 75 Hz when frame rate is set to 50 Hz

\*2 Reduced blanking

\*3 When Reference is set to External, the resolution of 800 x 600 and refresh rate of 60 Hz are no longer compliant with the VESA standard. This means that display on some devices may not be possible in this situation.

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### Still Image

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Windows Bitmap File (.bmp)

\* Maximum 1900 x 1200 pixels, 24-bit per pixel, uncompressed

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## INPUT/OUTPUT LEVEL AND IMPEDANCE

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### Composite

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1.0 Vp-p, 75 ohms

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### Analog HD/RGB

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0.7 Vp-p, 75 ohms (H, V : 5 VTTL)

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## INPUT CONNECTORS

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### 3G/HD/SD-SDI

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BNC type x 4

\* Conforms to SMPTE 424M (Level-A, Level-B), 292M, 259M-C

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### DVI-I/HDMI

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DVI-I type x 4

\* Select DVI-A or DVI-D/HDMI using switch per channel

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Analog Video (HD)

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Component (Mini D-sub 15-pin type) x 4

\* Combined use with Analog RGB

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Analog Video (SD)

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Composite (BNC type) x 4

\* Select Composite or SDI using menu per channel

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Analog RGB

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Mini D-sub 15-pin type x 4

\* Combined use with Analog Video (HD)

\* Select DVI-D/HDMI or Analog RGB using menu per channel

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**OUTPUT CONNECTORS**

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3G/HD/SD-SDI

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BNC type x 2

\* Conforms to SMPTE 424M (Level-A, Level-B), 292M, 259M-C

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DVI-D/HDMI

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DVI-I type x 2, HDMI x 1 (for multi-view monitor)

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Analog Video (HD)

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Component (Mini D-sub 15-pin type) x 1

\* Combined use with Analog RGB

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Analog Video (SD)

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Composite (BNC type) x 1

\* Combined use with Analog Video (HD)

\* Does not synchronize with Reference Input.

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Analog RGB

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Mini d-sub 15-pin type x 1

\* Combined use with Analog Video (HD)

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**OTHER CONNECTORS**

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Tally

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Mini D-sub 15-pin type x 2

\* Input (max) : 12 V, 200 mA Open collector Type

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Reference

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BNC type (IN, THRU)

\* Black Burst (Sync to frames), Bi-Level, Tri-Level

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MIDI

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5 pin DIN type (IN, OUT/THRU)

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RS-232

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D-sub 9 pin type x 1

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USB port (host)

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A type x 1 (for USB memory)

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## **EFFECTS**

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Transition

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Mix, Cut, Wipe (9 patterns)

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Composition

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PinP, DSK, Chrominance Key, Luminance Key, External Key

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Others

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Output Fade, Output Freeze

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## **OTHERS**

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Power Supply

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AC 115 V, AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz)

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Power Consumption

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75 W/0.7 A (115 V, 117 V)

75 W/0.4 A (220 V, 230 V, 240 V)

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Operation Temperature

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+0 to +40 degrees Celsius

+32 to +104 degrees Fahrenheit

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Accessories

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Owner's Manual, Power cord, Rack-mount angle x 2

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## **SIZE AND WEIGHT**

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Dimensions

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482 (W) x 275 (D) x 116 (H) mm  
19 (W) x 10-7/8 (D) x 4-5/8 (H) inches  
\* When rack mount angles are fitted.

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Weight

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5.5 kg  
12 lbs 3 oz

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\* This product is a Class A digital device under FCC part 15.