

# Specifications

- **Processing:** 4:4:4 (Y/Pb/Pr, RGB), 10-bit
- **Supported Formats:**
  - **Video:** 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.*
  - **PC:** 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.*
  - **Still Image:** Windows Bitmap File (.bmp) \* Maximum 1900 x 1200 pixels, 24-bit per pixel, uncompressed
- **Input/Output Level and Impedance:**
  - **Composite:** 1.0 Vp-p 75 ohms
  - **Analog HD/RGB:** 0.7 Vp-p 75 ohms (H, V: 5 VTTL)
- **Input Connectors:**
  - **3G/HD/SD-SDI:** BNC type x 4 \* Conforms to SMPTE 424M (Level-A, Level-B), 292M, 259M-C
  - **DVI-I/HDMI:** DVI-I type x 4 \* Select DVI-A or DVI-D/HDMI using switch per channel
  - **Analog Video (HD):** Component (Mini D-sub 15-pin type) x 4 \* Combined use with Analog RGB
  - **Analog Video (SD):** Composite (BNC type) x 4 \* Select Composite or SDI using menu per channel
  - **Analog RGB:** 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
- **Output Connectors:**
  - **3G/HD/SD-SDI:** BNC type x 2 \* Conforms to SMPTE 424M (Level-A, Level-B), 292M, 259M-C
  - **DVI-D/HDMI:** DVI-I type x 2, HDMI x 1 (for multi-view monitor)
  - **Analog Video (HD):** Component (Mini D-sub 15-pin type) x 1 \* Combined use with Analog RGB
  - **Analog Video (SD):** Composite (BNC type) x 1 \* Combined use with Analog Video (HD) \* Does not synchronize with Reference Input.
  - **Analog RGB:** Mini d-sub 15-pin type x 1 \* Combined use with Analog Video (HD)
- **Other Connectors:**
  - **Tally:** Mini D-sub 15-pin type x 2 \* Input (max): 12 V, 200 mA Open collector Type
  - **Reference:** BNC type (IN, THRU) \* Black Burst (Sync to frames), Bi-Level, Tri-Level
  - **MIDI:** 5 pin DIN type (IN, OUT/THRU)
  - **RS-232:** D-sub 9 pin type x 1
  - **USB port (host):** A type x 1 (for USB memory)
- **Effects:**
  - **Transition:** Mix, Cut, Wipe (9 patterns)
  - **Composition:** PinP, DSK, Chrominance Key, Luminance Key, External Key
  - **Others:** Output Fade, Output Freeze
- **Power Supply:** AC 115 V, AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz)
- **Power Consumption:** 75 W/0.7 A (115 V, 117 V), 75 W/0.4 A (220 V, 230 V, 240 V)
- **Operation Temperature:** +0 to +40 degrees Celsius / +32 to +104 degrees Fahrenheit
- **Dimensions:** 482mm (W) x 275mm (D) x 116mm (H) / 19" (W) x 10-7/8" (D) x 4-5/8" (H)
- \* *When rack mount angles are fitted.*
- **Weight:** 5.5 kg / 12 lbs 3 oz
- **Accessories:** Owner's Manual, Power cord, Rack-mount angle x 2

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