

Video processing

Sampling rate

4:4:4 (Y/Pb/Pr), 10 bits

*Output signal processing is 4:2:2/8-bit.

Audio processing

24 bits/48 kHz, 2ch

Input formats

HDMI 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

640 x 480/60 Hz, 800 x 600/60 Hz, 1024 x 768/60 Hz, 1280 x 768/60 Hz, 1280 x 1024/60 Hz, 1366 x 768/60 Hz, 1400 x 1050/60 Hz, 1600 x 1200/60 Hz, 1920 x 1080/60 Hz, 1920 x 1200/60 Hz

* The video signal frame rate must match with the unit's frame rate setting.

* Conforms to VESA DMT Version 1.0 Revision 11.

* 1920 x 1200/60Hz: Reduced blanking

HDMI audio

Linear PCM, 24 bits/48 kHz, 2ch

RGB/ Component

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

640 x 480/60 Hz, 800 x 600/60 Hz, 1024 x 768/60 Hz, 1280 x 768/60 Hz, 1280 x 1024/60 Hz, 1366 x 768/60 Hz, 1400 x 1050/60 Hz, 1600 x 1200/60 Hz, 1920 x 1080/60 Hz, 1920 x 1200/60 Hz

* The video signal frame rate must match with the unit's frame rate setting.

* Conforms to VESA DMT Version 1.0 Revision 11.

* 1920 x 1200/60Hz : Reduced blanking

Composite

NTSC, PAL

Output formats

HDMI 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

640 x 480/60 Hz, 800 x 600/60 Hz, 1024 x 768/60 Hz, 1280 x 768/60 Hz, 1280 x 1024/60 Hz, 1366 x 768/60 Hz, 1400 x 1050/60 Hz, 1600 x 1200/60 Hz, 1920 x 1200/60 Hz

* The output refresh rates of 640 x 480--1400 x 1050 are 75 Hz when the unit's frame rate setting is 50 Hz.

* Conforms to VESA DMT Version 1.0 Revision 11.

* 1920 x 1200/60Hz: Reduced blanking

HDMI audio

Linear PCM, 24 bits/48 kHz, 2ch

RGB/ Component

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

640 x 480/60 Hz, 800 x 600/60 Hz, 1024 x 768/60 Hz, 1280 x 768/60 Hz, 1280 x 1024/60 Hz, 1366 x 768/60 Hz, 1400 x 1050/60 Hz, 1600 x 1200/60 Hz, 1920 x 1200/60 Hz

* The output refresh rates of 640 x 480--1400 x 1050 are 75 Hz when the unit's frame rate setting is 50 Hz.

* Conforms to VESA DMT Version 1.0 Revision 11.

* 1920 x 1200/60Hz: Reduced blanking

Composite

NTSC, PAL

Preview (HDMI)

Video: 1920 x 1080/60 Hz (fixed)

*When INPUT is selected, the sources are displayed using a reduced frame rate. Audio: Linear PCM, 24 bits/48 kHz, 2ch

Input jacks

Video/Audio

HDMI: Type A (19 pins) x 4 (INPUT 1--4)

RGB/Component: HD DB-15 type x 4 (INPUT 1--4)

Composite: BNC type x 4 (INPUT 1--4)

Audio

1/4-inch TRS phone type (balanced/unbalanced) x 1 pair (AUDIO INPUT)

Output jacks

Video/Audio

HDMI: Type A (19 pins) x 2 (OUTPUT 1/2)

RGB/Component: HD DB-15 type x 2 (OUTPUT 1/2)

Composite: BNC type x 1 (OUTPUT 1)

Preview

HDMI: Type A (19 pins) x 1

Other jacks

Tally

HD DB-15 type x 1

(max input: 12 V/200 mA, Open collector type)

MIDI

5 pins DIN type x 2 (IN, OUT/THRU)

RS-232C

9 pins D-sub type x 1

USB

A type x 1 (host, for USB memories)

Signal level /Impedance

RGB/ Component

Signal level: 0.7Vp-p(H,V:5VTTL)

Impedance: 75 ohms

Composite

Signal level: 1.0 Vp-p (luminance), 0.286 Vp-p (chroma(NTSC)), 0.3 Vp-p (chroma(PAL))

Impedance: 75 ohms

Analog audio

Nominal input level: +4 dBu Maximum Input Level: +22 dBu

Impedance: 15 k ohms

Video effects

Transition

Mix, Cut, Wipe (9 patterns)

Composition

Picture in Picture

DSK (Luminance Key, Chroma Key)

Others

Output Fade

Audio effects

Delay

0.0-12.0 frames

Others

Display

7 segments, 3 characters LED

Power Supply

DC 12 V (AC Adaptor)

Current Draw

2.6A

Accessories

AC Adaptor (4 pins XLR type connector)

Power Cord

RCA-BNC conversion plug x 4

Owner's manual

Size and Weight

Width

317 mm

12-1/2 inches

Depth

266 mm

10-1/2 inches

Height

108 mm

4-5/16 inches

Weight

3.4 kg

7 lbs. 8 oz.