

VIDEO

Video Processing

4:2:2 (Y/Pb/Pr), 8-bit

Input Connectors

INPUT 1--2: HDMI type A x 2

* Multi-format Supported

Output Connectors

MAIN: HDMI type A

* Multi-format Supported

PREVIEW: HDMI type A

Input Formats

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

SVGA (800 x 600/60Hz), XGA (1024 x 768/60Hz),

WXGA (1280 x 800/60Hz), FWXGA (1366 x 768/60Hz),

SXGA (1280 x 1024/60Hz), SXGA+ (1400 x 1050/60Hz),

UXGA (1600 x 1200/60Hz), WUXGA (1920 x 1200/60Hz)

* The refresh rate is the maximum value of each resolution.

* Conforms to CEA-861-E, VESA DMT Version 1.0 Revision
11.

* The video signal frame rate can be selected at the SYSTEM
menu (59.94 Hz or 50 Hz).

* 1920 x 1200/60 Hz: Reduced blanking

Output Formats

MAIN:

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

* The video signal frame rate can be selected at the SYSTEM
menu (59.94 Hz or 50 Hz).

PREVIEW:

1080/59.94p, 1080/50p

* The video signal frame rate can be selected at the SYSTEM
menu (59.94 Hz or 50 Hz).

Still Image:

Bitmap File (.bmp) 1920 x 1080 pixels, 24-bit color, uncompressed.

PNG File (.png) 1920 x 1080 pixels (480 x 270 pixels for title image), 24-bit color, 8-bits alpha channel.

* It can be stored up to 16 files in each Projects.

* It can be stored one title image each for LIVE IN and REPLAY bus.

Recording mode

Instant Replay Mode

file format: MPEG2-TS

CODEC: H.264 High@L.4.1 10Mbps 8bit 4:2:0

AAC LC 128kbps, 48kHz, 16bit stereo

recording mode: resolution priority, framerate priority

* It can be selected at project settings.

Recording media

SD/SDHC/SDXC card

Video Effects

Composition: PinP, SPLIT

Transition: CUT, MIX, WIPE

Other: Flip horizontal, Still Image Playback, Test pattern output, Annotation

AUDIO

Audio Processing

Sample rate: 24 bits/48 kHz

Audio formats

Linear PCM, 24 bits/48 kHz, 2ch

Input Connectors

INPUT 1--2: HDMI Type A x 2

AUDIO IN: RCA phono type

Output Connectors

MAIN OUT: HDMI Type A
PREVIEW OUT: HDMI Type A
AUDIO OUT: RCA phono type
PHONES: Stereo 1/4-inch phone type

Input Level

AUDIO IN: -10 dBu (Maximum: +8 dBu)

Input Impedance

AUDIO IN: 15 k ohms

Output Level

AUDIO OUT: -10 dBu (Maximum: +8 dBu)
PHONES: 92 mW + 92 mW (32 ohms)

Output Impedance

AUDIO OUT: 1 k ohm
PHONES: 10 ohms

Audio Effects

Delay, High pass filter, Compressor, Noise gate, Equalizer,
Limiter, Test tone output

Audio Player

File format: WAV (Linear PCM, 48kHz/48kHz, 16bit, stereo)
* It can be stored up to 16 files in each Projects.

OTHERS

Other Connectors

USB HOST port: USB A type (For USB flash drive, Wacom tablet, USB keyboard)
LAN port: RJ-45, 1000BASE-T (For remote control, FTP)
RS-232 connector: DB-9 type (Male, for remote control, switcher control)
CTL/EXP 1, 2: 1/4-inch TRS phone type
DC IN

Other Functions

Panel lock function
EDID Emulator
Export recording files (mp4)
Export and Import project archive files

Display

4.3 inches TFT Color LCD: 480 x 272 dots

Power Supply

AC adaptor

Current Draw

3 A

Power Consumption

36 W

Operation Temperature

+0 to +40 degrees Celsius
+32 to +104 degrees Fahrenheit

Dimensions

265 (W) x 216 (D) x 87 (H) mm
10-7/16 (W) x 8-9/16 (D) x 3-7/16 (H) inches

Weight (excluding AC adaptor)

2.1 kg
4 lbs 11 oz

Accessories

Owner's Manual
AC adaptor
Power cord

* 0 dBu = 0.775 Vrms

All specifications and appearances are subject to change.

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