

## Video

### Video Processing

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

### Input Connectors

SDI INPUT 1--3: BNC x 3

\* Conforms to SMPTE 424M (SMPTE 425M-AB), 292M

HDMI INPUT 3--4: Type A (19 pins) x 2

\* HDCP Supported

\* INPUT 3: SDI or HDMI selected.

### Output Connectors

SDI OUT PGM: BNC x 1

SDI OUT PVW: BNC x 1

\* Conforms to SMPTE 424M (SMPTE 425M-AB), 292M

HDMI OUT MULTI-VIEW: Type A (19 pins) x 1

\* HDCP Supported

### Input Formats

SDI INPUT 1-3 Conforms to SMPTE 296M, SMPTE 274M

HDMI INPUT 3

720/59.94p, 720/50p SMPTE 296M(FORMAT switch = 720p)

1080/59.94i, 1080/50i, 1080/59.94p, 1080/50p SMPTE 274M(FORMAT switch = 1080i or 1080p)

\* The input interlaced video signal is converted to progressive video signal by internal processing.

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

HDMI INPUT 4

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

VGA (640 x 480/60 Hz), SVGA (800 x 600/60 Hz), XGA (1024 x 768/60 Hz)

WXGA (1280 x 768/60 Hz), SXGA (1280 x 1024/60 Hz)

FWXGA (1366 x 768/60 Hz), SXGA+ (1400 x 1050/60 Hz)

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

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

\* Conforms to VESA DMT Version 1.0 Revision 11.

\* 1920 x 1200/60 Hz: Reduced blanking.

\* The input interlaced video signal is converted to progressive video signal by internal processing.

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

### Output formats

SDI OUT(PGM/PVW) Conforms to SMPTE 296M, 274M

HDMI OUT MULTI-VIEW

720/59.94p, 720/50p SMPTE 296M(FORMAT switch = 720p)

1080/59.94i, 1080/50i SMPTE 274M(FORMAT switch = 1080i)

1080/59.94p, 1080/50p SMPTE 274M(FORMAT switch = 1080p)

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

### Video Effects

Transition: CUT, MIX (DISSOLVE/FAM/NAM/MOSAIC), WIPE (30 types)

Composition: PinP, SPLIT, QUAD, DSK (Luminance Key, Chroma Key)

## Audio

### Audio Processing

Sampling rate: 24 bits/48 kHz

### Audio Formats

SDI: Linear PCM, 24 bits/48 kHz, 2ch Conforms to SMPTE 299M

HDMI: Linear PCM, 24 bits/48 kHz, 2ch

#### Input Connectors

Digital: SDI INPUT 1--3 (BNC) x 3 SMPTE 299M

HDMI INPUT 3--4 (HDMI Type A 19 pins) x 2

Analog: AUDIO IN (RCA phono type)

MIC (Stereo mini type, plug-in power supported)

#### Output Connectors

Digital: SDI OUT PGM: BNC x 1 SMPTE 299M

SDI OUT PVW: BNC x 1 SMPTE 299M

HDMI OUT MULTI-VIEW: Type A (19 pins) x 1

Analog: AUDIO OUT (RCA phono type)

PHONES (Stereo mini type)

#### Input Level

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

MIC: -41-- -13 dBu (Maximum: -1 dBu)

#### Input Impedance

AUDIO IN: 15 k ohms

MIC: 10 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

EQ, Delay, Compressor, HPF, Gate, Reverb, Mastering effect

#### Others

##### Other Connectors

USB: B Type (for remote control from PC)

RS-232: DB-9 type

##### Other Functions

MEMORY (8 types)

FREEZE (input video captured)

OUTPUT FADE (Audio, Video: WHITE or BLACK)

#### Power Supply

AC Adaptor

#### Current Draw

2.1 A

#### Power Consumption

25 W

#### Operation Temperature

+0 to +40 degrees Celsius

+32 to +104 degrees Fahrenheit

#### Dimensions

313 (W) x 108 (D) x 59 (H) mm

12-1/3 (W) x 4-1/4 (D) x 2-1/3 (H) inches

#### Weight (excluding AC adaptor)

1.2 kg

2 lbs 10-2/5 oz

#### Accessories

Owner's manual  
AC adaptor  
Power cord  
Cord hook