

Power Supply	DC 19 V (AC adaptor provided)
Power Consumption	110 W
Ambient Operating Temperature	0 °C to 40 °C (32°F to 104°F)
Humidity	20 % to 80 % (no condensation)
Mass	Approx. 6.05 kg (13.34 lbs)
Dimensions (W x H x D)	427 mm x 93 mm x 278 mm (16.8 inches x 3.67 inches x 10.96 inches) (excluding protrusions)
Number of ME	1ME
Number of switcher channel	10 • 8 External (selected from among 3G-SDI x 4, 3G-SDI x 3 + HDMI x 1, NDI® sources x 8) • 2 Internal (CLIP x 1, STILL x 1)
Number of Keyer	2 Keyer (PinP / Title)
System Video Format	1080/59.94p*1*2, 1080/59.94i, 1080/29.97PsF, 1080/23.98p, 1080/50p*1*2, 1080/50i, 1080/25PsF, 720/59.94p, 720/50p, 720/29.97p, 720/25p
Video Input	SDI x 4 or SDI x 3 + HDMI x 1*1*3
Network Input Sources	8 • NDI® input from Panasonic PTZ Camera that supports NDI® HX and NDI® compatible equipment • IP input from Skype TX compatible PC
Audio Input	15 • 4-channel SDI/HDMI embedded audio x 4 • 4-channel NDI® embedded audio x 8 • 6.35 mm balanced line x 2 • 3.5 mm diameter, stereo mini jack x 1
Video Output	4 • BNC x 1 3G-SDI (PGM)*1 • BNC x 1 3G-SDI (selectable from PGM / PVW / AUX)*1 • HDMI x 1 or Display Port (for GUI)*2 x 1 • Network output x 1
Network Video Output	1 selectable from MIX (PGM or PVW) / AUX • NDI® output • RTMP format streaming output*5

Audio Output	6 • SDI embedded audio x 2 • 6.35 mm balanced line x 2 • 3.5 mm diameter, stereo mini jack x 1 • NDI® embedded audio x 1
Effects and Transitions	Wipe / Mix / Cut • Background Video • PinP • Title
Audio Mixing	• 4 ch. Master (Program) mix • 12 x faders: 1 for each of 8 external audio inputs, plus 1 x internal Clips player and 1 x Skype TX Talkback input; plus 1 x Master output and 1 x Headphones • Plus 1 x separate audio fader for video Streaming output • Seven-band equalizer and stereo compressor / limiter per input and output, with per-input audio delay control
Video Clip Memory	DDR x 1 ch*6
Still Store Memory	DDR x 1 ch*6
Title Buffer	1 Title Buffer (displays 1 of 8 Buffer presets)
Reference Input	Internal only
PTZ Camera Control (Via IP)	Number of connected cameras: Up to 8 cameras Pan / Tilt / ZOOM / FOCUS control: 3 axis joystick (ZOOM / FOCUS is switched by pressing the upper button) ZOOM control: Independent rocker switch IRIS control: independent IRIS knob, pressed AUTO / manual switching FOCUS control: Independent FOCUS knob, pressed AUTO / manual switching Preset control: store / recall, up to 100 positions OSD menu control: OSD button*7 White balance control: GUI screen Camera menu or OSD screen (Auto / PST A / PST B / Execute)*7 CAM / BAR selection: GUI screen Camera menu or OSD screen*7
Tally Output	DB-15 Tally port
Network Connector	RJ-45 x 2 1000BASE-T / 100BASE-TX / 10BASE-TX
USB Host I/F	USB3.0 x 4
Accessory	AC adaptor, Power cable, keyboard, mouse

*1: 3G-SDI corresponds to Level-A only.

*2: The 1080/59.94p and 1080/50p formats are not supported for HDMI input.

*3: You cannot use the SDI input 1 and the HDMI connector at the same time.

*4: HDMI and Display port can not be used simultaneously.

*5: Only available when plug-in provided by NewTek is installed.

*6: See "Supported Formats" on page 6 for details.

*7: OSD function is available for Panasonic PTZ camera of SDI and HDMI output.

It is not available for those of NDI® | HX output.