

Specifications

Connections	
Total Video Inputs	Total 6 inputs 2 HDMI (RGB/YVU, 1080P/1080I/720P) 4 SDI (1080I/720P)
Monitor External Input	1 HDMI
Total Outputs	3 HDMI + 2 SDI
SDI Audio Output (PGM output)	2CH
Audio Input	2 x XLR (2 x Analogue)
Internal Frame Synchronizers	All 6 Inputs
PGM Out	HDMI / SDI
Multi view Out	HDMI (720P -> 720P ; 1080i->1080P) SDI (720P -> 720P ; 1080i->1080i)
SDI Output	Select any from the following input sources PROGRAM (w/ DSK 1 & 2) PROGRAM (w/ DSK 1) Clean PROGRAM PREVIEW (w/o DSK) MULTISCREEN Input 1~6
HDMI OUT	HDMI OUT 1/2/3 are fixed to PGM
Audio Indicator on Multi view	Y (output 2CH)
Streaming	1 x RJ-45 (100/1000M Ethernet)
Storage	1x SD Card Slot Supports SD, SDHC and SDXC card (UHS-I) (Class 10 highly recommended).
Computer Output	Ethernet (Motion JPEG Out)
Tally Out	Y
GPI	Two mode: Level /Pulse trigger selectable
Speaker Volume Control	Control Knob
Switcher Software Updates	USB Port (Rear)
Monitor	
LCD Display	17.3" TFT LCD
Resolution	RGB 1600 x 900 pixel
Aspect Ratio	4:3 and 16:9 selectable
LED Life time	15,000 hrs. (approx.)
Brightness (Luminance)	220 cd/m ²
Contrast Ratio	650:1
View Angle	Top : 20 deg / Bottom : 45 deg Left : 45 deg / Right : 45 deg
Video System	NTSC / PAL auto recognition
Colour Adjustment	Brightness, Contrast, Color Saturation

Standards	
Format Support	1080i 50/ 59.94/ 60Hz, 720p 50/ 59.94/ 60Hz,
SDI Compliance	SMPTE 292M (SDI output /PGM out)
Video Sampling	4:2:2 10 bit
Color Precision	4:2:2 10 bit
Color Space	4:2:2 YUV
HDMI Input Resolutions for Computers	1280 x 720 59.94Hz 50Hz (720P) and 1920 x 1080 59.94Hz 50Hz (1080p & 1080i)
Processing	
Colourspace Conversion	Hardware based real time
Processing Delay	< 1 frame
Audio Mixer	Selectable audio follow video Master gain control
HD Down Conversion	N/A
Extras	
Upstream Keyers	2 (M/E Keyer & PIP)
Downstream Keyers	2
Linear/Luma Keyers	4
Chroma Keyers	2 (M/E Keyer & PIP)
Pattern Generators	Color Bar
PIP	1
XPT	Y
Frame store	Any Input can be used as Frame store. 8 Still frames stored in local frame buffers for instant access.
Control Panel Compatibility	Use PC via Ethernet; Control Panel
Input Voltage	8V~17V
Multi View Monitoring	
Number of Windows	2 (PGM, PVW) +6 (Inputs 1-6) +2 Output windows (SDI1, SDI2)
Routable Windows	Y (Follow XPT)
Tally	Y
Windows Source Labels	Y
Streaming Function	
Video Encode	<ul style="list-style-type: none"> • H.264 / AVC, Main/ High Profile • Configurable Bit-rate up to 10Mbps
Audio Encode	<ul style="list-style-type: none"> • AAC-LC • Configurable bit rate range from 32Kbps to 384Kbps • Sample rate: 48KHz, 16bit