XT[2]

SD/HD Live/Studio Production & Playout Server

TECHNICAL SPECIFICATIONS

Video System	Up to 6 in/out channels in any in/out configuration User selectable 1080i or 720p, 50 or 59.94Hz, Optional SD compatibility (NTSC and PAL)
Video Compression	HD: Intra-frame, user selectable bitrate 100-360 Mbps SD: MPEG-2, I-frame, MPEG IMX, MJPEG, user selectable bitrate 20-100 Mbps
Audio System	Up to 48 uncompressed tracks at 24-bit / 48kHz with built-in audio router Sample rate conversion from 25-55kHz to 48kHz, level adjustments Dolby-E compatible
Recording Capacity	5x internal 73GB/ 146GB/ 300GB drives in standard 6RU chassis (7h, 15h, 30h @ 100 Mbps with RAID-3 redundancy). Extended 7RU chassis: 10x300GB RAID3 (60h @ 100Mbps)
Inputs - Video Channels	Up to 6x SD/HD-SDI 1.485Gbps (SMPTE 292M), 8 or 10-bit resolution with autodetection Full frame synchronizer on each input SDI 270Mbps (SMPTE 259M) on same input (option)
Inputs - Audio	8x analog balanced (4 stereo pairs) + 8x AES/EBU (8 stereo pairs) 8x embedded tracks (4 stereo pairs) per video channel
Outputs - Video Channels	Up to 6x SD/HD-SDI 1.485Gbps (SMPTE 292M), 10-bit resolution Down-converted SDI 270Mbps (SMPTE 259M) from each channel Monitoring outputs with switchable super-imposed timecode and channel status information (per video channel): 1x HD-SDI + 1x SDI or CVBS (software switchable)
Outputs - Audio	8x analog balanced (4 stereo pairs) + 8x AES/EBU (8 stereo pairs) 8x embedded tracks (4 stereo pairs) per video channel 4x analog balanced monitoring outputs
Genlock	Analog Black & Burst or Tri-Level Sync input (with loop-through)
Timecode	LTC: 1x in and 1x out (balanced XLR) in SD: SMPTE 266M (VITC in VBI) in HD: RP188 (HANC VITC1, HANC VITC2, HANC LTC)
Network	XNet[2] 1.5Gbps in and out, XNnet 540Mbps in and out
Remote Control	6x RS-422 in 6RU, 4x RS-422 in 4RU, 2x RS-232, 12x GPI (4 in, 4 out, 4 configurable)
Control Protocols	Harris VDCP, Odetics, Sony BVW, Thomson XtenDD-35, EVS AVSP

MECHANICAL & ELECTRICAL SPECIFICATIONS

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Physical Dimensions	19-inch enclosure, including configurable rear connector panel **6RU** - Size (H x D x W): 266 x 600 x 438mm / 10.5" x 23.6" x 17.2" **4RU** - Size (H x D x W): 177 x 600 x 438mm / 6.7" x 23.6" x 17.2"
Weight	30 kg / 66 lb (subject to slight variations due to options)
Power requirements	Single / Dual (cold swap) Power supply: 100-240V, 47-63%, 550W max. Redundant Power supply (hot swap): 90-264V, 47-63%, 550W max.
Environmental Conditions	Operating temperature: 10°C to 40°C Storage temperature: -40°C to 70°C Humidity: 90% max. non condensing

EVS

XT[2]

Specifications

Two Versions : 4 RU and 6 RU

	4RU	6RU
Maximum number of video channels	4 channels	6 channels
Power Supply	Single	Hot or cold swappable, redundant
Remote Control Protocols	4x RS-422, 2x RS-232	6x RS-422, 2x RS-232

Typical Rear Panel configurations

4RU version, up to 4 video in/out
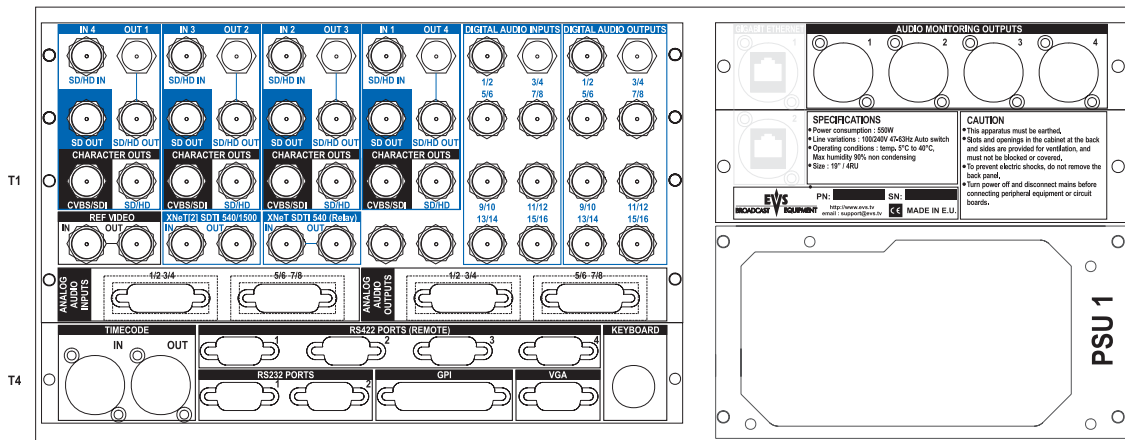
6RU version, up to 6 video in/out
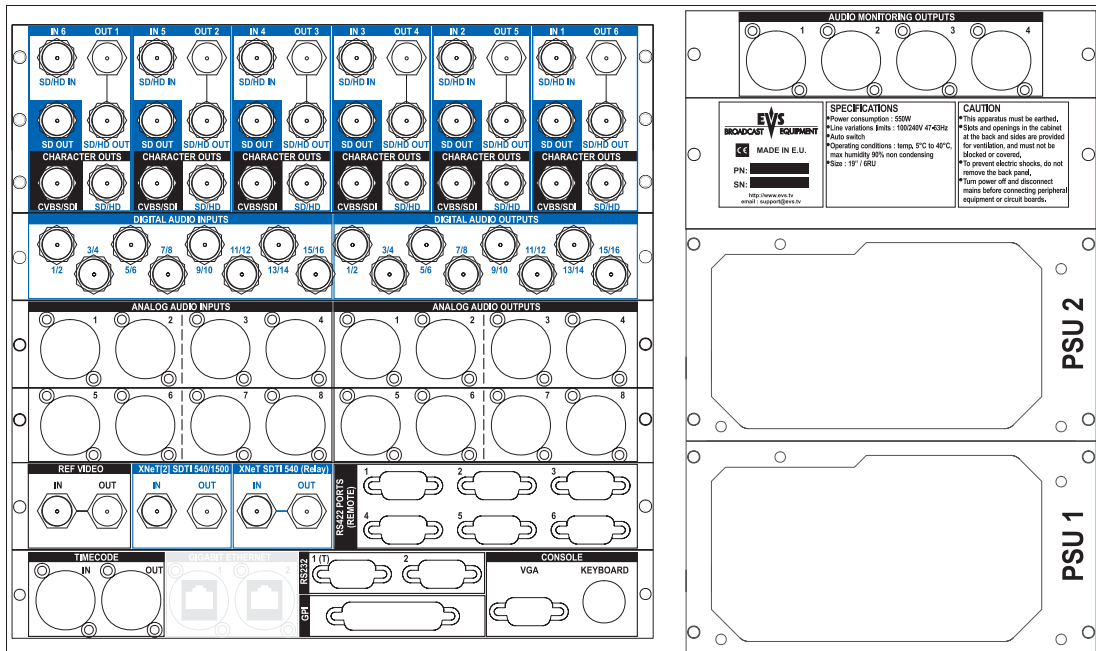
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