



VIDEO SYSTEM

- Up to 12 configurable IN/OUT channels
- Full 3D/1080p support (3G/Dual link)
- Up to 3 configurable UHDTV 4K channels
- HD-SDI: ST 292-1:2011, ST 292:2012; 10-bit; 1080i 50/59.94Hz; 720p 50/59.94Hz
- SDI: ST 259:2008; 10-bit; 625i 50Hz; 525i 59.94Hz
- Pass-through of SMPTE 334M ancillary data
- Dual-link HD SDI: ST 372:2011; 1080p 50/59.94Hz; Full 3D 1080i 50/59.94Hz & 720p 50/59.94Hz
- 3G-SDI: SMPTE 424M (Level-A & Level-B); 1080p 50/59.94Hz; Full 3D 1080i 50.59.94Hz & 720p 50/59.94Hz
- Full frame synchronizer on each input
- Super Motion support double, triple, quad, six, height and ten
- Mix/wipe effects on each playback channel
- Built-in downconverter with broadcast quality (input & output)
- Monitoring outputs with switchable super-imposed timecode and channel status: 1 x HD-SDI or SDI (software switchable)
- Internal bandwidth: over 3Gbps

HD CODECS

- M-JPEG – User selectable bitrate 20-360Mbps
- Avid DNxHD® (120/145Mbps)
- Avid DNxHD® High Level (185/220Mbps, 8-bit and 10-bit)
- VC-3 (SMPTE 2019-1; Avid-compatible) 100Mbps
- Apple ProRes® 4:2:2 (120/145Mbps)
- Apple ProRes® 4:2:2 HQ (185/220Mbps)
- Apple ProRes® 4:2:2 LT (85/102Mbps)
- MPEG-2 intra – User selectable bitrate 20-360Mbps
- DVCPRO HD
- AVC-Intra Class 100
- XAVC-Intra Class 100
- XDCAM HD (50 Mbps) 4:2:2

SD CODECS

- M-JPEG – User selectable bitrate 8-100Mbps
- IMX D-10 (SMPTE 356M) 30/40/50Mbps
- DVCPRO 50

AUDIO SYSTEM

- Up to 192 uncompressed audio tracks at 20 or 24 bits 48KHz
- MADI :
 - 2 input (128 audio tracks) + 2 outputs
 - (128 audio tracks) on BNC
- Sample rate conversion at input from 25-55KHz to 48KHz
- Audio level adjustment at input and output
- Built-in audio router
- Scrub audio support
- Dolby-E® support (pass-through and cut edit)
- Analog Balanced: 8 inputs (4 pairs) + 8 outputs (4 pairs) on XLR or DB15 (110 Ω balanced) + 4 monitoring outputs (2 pairs) on XLR (110 Ω balanced)
- Discrete AES/EBU (SMPTE 272M): 16 inputs (8 pairs) + 16 outputs (8 pairs) on XLR (110 Ω balanced) or BNC (75 Ω unbalanced)
- Embedded: up to 16 audio channels per video channel on 75 Ω BNC; ST 259:2008, ST 299-0:2010, ST 299-1:2009

MULTIVIEWER

- Up to 12 channels of managed PIPs
- 4 HD-SDI digital outputs independently configurable
- 2 HD-SDI external inputs for multiviewer

DISK STORAGE

- Internal storage: 6 or 12 x SAS 900Gb or 1.8TB (fixed or hot swappable disks)
- External storage, 2RU external disk array (24 hot swap disks per 2RU array, redundant power supply);
- Several external disk arrays can be cascaded for extended storage capacity
- Internal & external disk arrays can be used simultaneously
- Maximum capacity: up to 40 TB of net capacity

RECORDING CAPACITY

- Configuration examples:
- HD at 100Mbps with 16 audio tracks: up to 800 recording hours in RAID 5+1 with hot spare disks
 - 1080p at 200Mbps with 16 audio tracks: up to 400 recording hours in RAID 5+1 with hot spare disks
 - UHD-4K at 800Mbps with 16 audio tracks: up to 100 recording hours in RAID 5+1 with hot spare disks

GENLOCK

- Tri-Level Sync and Analog Black & Burst
- 2 BNC, 75 Ω with loop-through

TIMECODE

- LTC: 1 input + 1 output on XLR (110 Ω balanced)
- HD-SDI: RP188 (HANC VITC1, HANC VITC2, HANC LTC)
- SDI: ST 12:2008 (VITC in VBI)

NETWORKING

- EVS Production Network : XNet[2] 3G-SDTI in & out on BNC
- File contribution media network : 2 x Gigabit Ethernet on RJ45 (import/export of audio/video files) (teamable)
- 2 x 10 Gigabit Ethernet on SFP+ (import/export of audio/video files) (teamable)

CONTROLS

- Ports: 6 x RS422 (6RU chassis); 4 x RS422 (4RU chassis); 1 x RS232; 12 x GPI (4 in, 4 out, 4 configurable)
- Protocols: VDCP; Odetics; Sony BVW75; XtenDD35; EVS AVSP
- 2 x Ethernet on redundant RJ45 (maintenance, EVS LinX API, SNMP)

MECHANICAL SPECIFICATIONS

- 19-inch enclosure with redundant power supply (hot swap)
- 4RU - Size (HxDxW): 177 x 689 x 445 mm/7" x 27.2" x 17.5" Weight: 31 kg (68.2 Lbs) (± 5% depending on the number of disks)
- 6RU - Size (HxDxW): 270 x 692 x 445 mm/10.6" x 27.2" x 17.5" Weight: 39 kg (85.8 Lbs) (± 5% depending on the number of disks)

TECHNICAL SPECIFICATIONS

	XT3 6RU	XT3 4RU
HDD max number (internal)	12	6
HDD mounting	Hot-Swap	Fixed
Audio codec	192-ch	128-ch
Max. HD/SD channels	6, 12+	4, 8
Max. 3D channels	6	4
Max. 1080p channels	12	8
Max. audio	12 x 16 audio 6 x 32 audio	8 x 16 audio 4 x 32 audio
Max. UHD-4K channels	3	2



SD-SDI/HD-SDI/3G-SDI
IN/OUT connections

Digital AES Audio

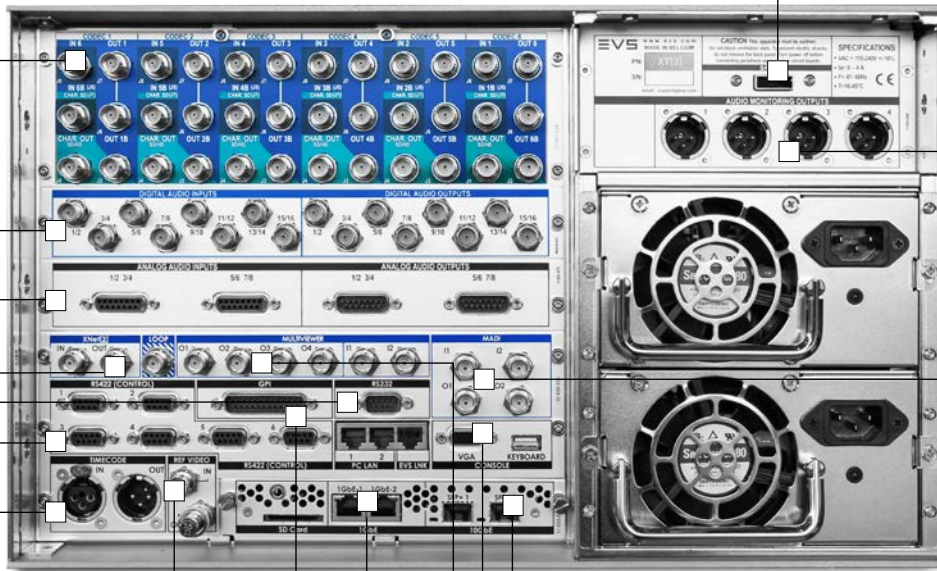
Analog Audio

XNet[2]
Network
Connector

RS 232 Tablet

RS 422 Connectors
for protocol control

LTC Timecode



Video Reference
(BB or Tri-Level)

1 Gigabit
Ethernet RJ45

Console VGA + Keyboard

10 Gigabit
Ethernet SFP+ (modules not included)

GPI

Multiviewer Connectors

To external disk arrays

Audio
Monitoring
Outputs

MADI Audio

6RU MODEL



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