



VIDEO SYSTEM (UHD-4K)

- UHD-4K (3840 x 2160)
- Up to 4 configurable IN/OUT channels
- 3G-SDI: ST 424:2006, ST425-B:2008; 10-bit
- 12G-SDI: ST 425-5, ST 2082
- Pass-through of SMPTE 334M ancillary data
- Full frame synchronizer on each input
- Super Motion support (double speed with UHD-4K)
- Mix/wipe effects
- Down-converted monitoring outputs with switchable super-imposed timecode and channel status per video channel (1080p):
- Supported Codecs:
 - XAVC-4K Class 300

VIDEO SYSTEM (HD 720P / 1080I / FULL-HD 1080P)

- Up to 12 configurable IN/OUT channels in Full-HD 1080p and HD 1080i/720p
- 3G-SDI: ST 424:2006, ST425-B:2008; 10-bit
- Pass-through of SMPTE 334M ancillary data
- Full frame synchronizer on each input
- HD-SDI: ST 292-1:2011, ST 292:2012; 10-bit; 1080i 50/59.94Hz; 720p 50/59.94Hz
- Super Motion support (double, triple, quad, six, height, ten)
- Mix/wipe effects on each playback channel
- Monitoring outputs with switchable super-imposed timecode and channel status per video channel
- Video over IP Option: IO backplane for server supporting IP I/O (ST2022-6)
- Supported Codecs:
 - AVC-Intra class 100
 - XAVC-Intra class 100
 - Avid DNxHD® (120/145Mbps)
 - Avid DNxHD® High Level (185/220Mbps, 8-bit and 10-bit)
 - Apple ProRes® 4:2:2 SQ (120/145Mbps)
 - Apple ProRes® 4:2:2 HQ (185/220Mbps)
 - Apple ProRes® 4:2:2 LT (85/102Mbps)

AUDIO SYSTEM

- Up to 192 uncompressed audio tracks at 20 or 24 bits 48KHz
- MADI : 2 inputs (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)
- Discrete AES/EBU (SMPTE 272M) : 16 inputs (8 pairs) + 16 outputs (8 pairs)
- 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

- 4 HD-SDI digital output independently configurable
- 2 HD-SDI external inputs for multiviewer

DISK STORAGE

- Internal storage: 6 x SAS 1.8TB (hot swap 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:
- UHD-4K at 600Mbps with 16 audio tracks: up to 130 recording hours in RAID 5+1 with hot spare disks
 - 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

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)

NETWORKING

- EVS Production Network : X Net(2) 3G-SDTI in & out on BNC
- File contribution media network :
 - 2 x Gigabit Ethernet on RJ45 (teamable)
 - 2 x 10 Gigabit Ethernet on SFP+ (teamable)

CONTROLS

- Ports : 6 x RS422; 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)
- 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)



XS4K 6RU

HDD max number (internal)	12
HDD mounting	Hot-Swap
Audio	192 channels
Max HD channels	12
Max Full-HD channels	12
Max UHD-4K channels	4
XNet	Included
Proxy	Included
Multiviewer	Included
10GbE (SFP+)	Included

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