



VIDEO SYSTEM

- XT4K server available as UHD-4K
- Up to 4 configurable IN/OUT channels in UHD-4K
- 3G-SDI: ST 424:2006, ST425-B:2008; 10-bit
- Pass-through of SMPTE 334M ancillary data
- Full frame synchronizer on each input
- Super Motion support (double speed in UHD-4K)
- Mix/wipe effects on each playback channel
- Built-in downconverter with broadcast quality for each video channel (input & output)
- Up to 4 monitoring output with switchable super-imposed timecode and channel status per video channel: 1 x 3G-SDI or HD-SDI
- Video over IP Option: XiP expansion to server supporting ST2022-6

VIDEO HD CODEC

- XAVC-4K Class 300

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 259-0:2010, ST 299-1:2009

MULTIVIEWER

- Up to 4 channels
- 4 HD-SDI digital output independently configurable

DISK STORAGE

- Internal storage: 12 x SAS 900GB (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 30 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) – Jumbo Frames 9000 bytes
 - 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)



	XT4K 6RU
HDD max number (internal)	12
HDD mounting	Hot-Swap
Audio codec	128-ch
Max. UHD-4K channels	4
Max. audio	4 x 32 audio

CUSTOMER SUPPORT & TRAINING

Our clients range from TV stations and rights owners to video equipment providers and production houses worldwide. We listen, analyse existing workflows, anticipate customer needs, and implement effective, highly reliable solutions. Enabling our customers to provide top-quality TV programming and enriched content to millions of viewers across the globe is our top priority.

CUSTOMER SUPPORT

Our products should function in ways that meet your specific needs and expectations - every minute of every day. That's why our technical support is always on, 24/7 from each of our regional offices. Someone is always available to answer any question, large or small.

Every person in EVS' technical support team is a qualified technician with a solid background in broadcasting. They understand your requirements and will work tirelessly to answer your question and resolve your support issue enabling you to focus on your job.

TRAINING

Interested in learning how to operate EVS systems and applications or getting more out of our solutions?

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