



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 133 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)



XT4K 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

Europe, the Middle East & Africa
+32 4 361 7000

North America
+1 973 575 7811

Latin & South America
+52 55 46 31 22 00

Asia & Pacific
+852 2914 2501

Other regional offices
www.evs.com/contact

XT4K 0517

EVS Broadcast Equipment is continuously adapting and improving its products in accordance with the ever changing requirements of the Broadcast Industry. The data contained herein is therefore subject to change without prior notice. Companies and product names are trademarks or registered trademarks of their respective companies.

EVS To learn more about EVS go to www.evs.com

Search for EVS Broadcast Equipment on

