

XP2526 End-Point

Multi-purpose 4K UHD IPTV End-Point



VITEC's XP2526 End-Point delivers interactive viewing portals, advanced network video decoding and stunning digital signage over a gigabit connection. The fanless design, SFP interface, PoE functionality, and low power consumption, make it a flexible choice for environments where premium video quality is important.

Integrated with VITEC management platforms, the XP2526 can be controlled and operated from a central management interface for the day-to-day administration of content, schedules, and user access rights. This single point of management simplifies the complexity and costs associated with the initial deployment of an advanced IPTV and signage solution, and ensures that the system is intuitive to operate, maintain, and scale, to easily adapt to customer requirements.

Designed with maximum video performance, lowest playback latency, and highest reliability in mind, VITEC's XP2526 End-Point features 100% hardware-based video decoding, dual-HD/4K playback of live IPTV streams or video files, and solid state components, all packaged in a robust, all-metal enclosure with no moving parts.

Features & Benefits

- Quad-core CPU, 32-bit RAM, dual-core GPU, hardware video decoder
- Play back dynamic digital signage content, combining text, full HD graphics and 4K videos to engage audiences
- Supports one 4K or two HD IPTV streams
- Enable viewers to enjoy live and recorded TV, movies, information and more
- Quiet, fanless design
- Plug-and-play connectivity with Power over Ethernet (PoE)
- SFP interface to allow for installation of a fiber transceiver
- Stream playback synchronized across multiple end-points

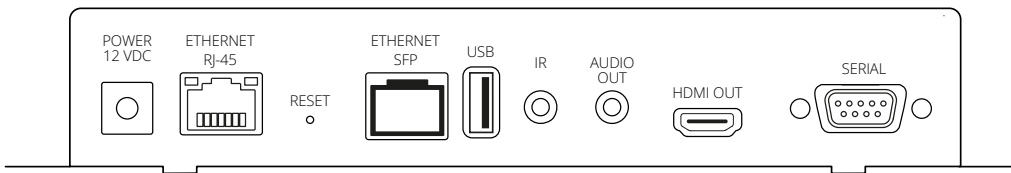
Technical Specification

Interfaces	
Network	1 x 1 Gbps (RJ-45) or 1 x 1 Gbps (SFP) (SFP module not included)
HDMI Digital Video/Audio	1 x HDMI 2.0 w/ 4K, CEC Support
Analog Audio	1 x 3.5mm jack stereo line level audio
USB	1 x USB 3.0
TV Control Port	1 x RS-232
IR Remote Control Sensor (with third-party remote control support)	✓
IR Extender Port (Optional Accessory)	✓
Touch interface support, using standard Human Interface Device (HID)	✓
Video Formats	
MPEG-2 (ISO/IEC 13818-2)	Resolutions up to Full HD 1080p60
MPEG-4 part 10 H.264 (ISO/IEC 14496-10)	Resolutions up to 4K 2160p30 Main 10
HEVC (H.265)	Resolutions up to 4K 2160p60 Main 10
VP9	Resolutions up to 4K 2160p60 †
HTML5	✓
Maximum Resolution	3840 x 2160
Aspect Ratio	16:9, 4:3
Audio Formats	
MPEG-1 Layer II (ISO/IEC 11172-3)	✓
MPEG-1 Layer III (MP3)	✓ †
AC3/EAC3	✓
AAC-LC/HE-AAC	✓
Streaming Protocols	
UDP TS	✓
Multicast and Unicast	✓
RTP TS	✓
RTSP	✓
Apple HLS	✓
SRT	✓
Content Protection & DRM	
AES CBC 128/256-bit as part of VITEC Content Protection Solution	✓
Digital Signage	
Multi-Stream Decoding	2 x HD or 1 x 4K streams/files
Picture-in-Picture (PiP)	✓
Alpha Channel	✓
Text/Graphics Overlays	✓
100% Hardware Video decode	✓
Separate processing of video and graphics with no shared resources	✓
Web Technologies	Hardware accelerated HTML5 browser Blob video playback
Emergency Management	✓
Low-delay playback of live IPTV streams	300ms decoding latency
Vertical Signage Support	✓

† Future release

Power	
PoE	PoE (IEEE 802.3af, RJ-45 port only)
External AC-DC PSU	12W Max, 90-264VAC
Physical	
Dimensions	214mm W x 103mm D x 37mm H (8.43" W x 4.07" D x 1.46" H)
Weight	368g (0.811lb)
Internal Storage	64GB
Enclosure	Robust aluminum chassis, fanless, 100% silent
Mounting	Built-in brackets
Environmental & Compliance	
Operating Temperature: PoE External AC-DC PSU	0°C to 50°C (32°F to 122°F), 0°C to 40°C (32°F to 104°F)
Relative Humidity: PoE External AC-DC PSU	5% to 95% (non-condensing) 10% to 90% (non-condensing)
RoHS-compliant	✓
TAA-compliant	✓
Regulatory	
CE/UKCA	IEC 62368-1, EN 62368-1, EN55032, EN 61000-3-2, EN 61000-3-3, EN55035 / CISPR 35
UL/CSA	UL62368-1, CSA C22.2 No. 62368-1
FCC	47CFR Part 15, Sub Part B, ANSI C63-4
RCM	AS/NZS 62368

Rear Panel Interface



Ordering Information (P/N)

- 19460 - XP2526 - End Point - 4k - dual HD decode – SFP Socket