

Driven by VCON's powerful xPoint software, the xPoint^{LT} delivers quality video, 1+3 embedded MCU videoconferencing. xPoint^{LT} is a regulatory and compliance-ready product which utilizes low power consumption and has ultra-slim dimensions and weight.



General Description

Based on xPoint's powerful product line, xPoint^{LT} is an affordable option suitable for users who need an all-in-one medium-entry level videoconference solution; including 1+3 VS embedded MCU, recording and streaming all-in-a-box.

xPoint^{LT} consists of a stream-lined slim box, which is nearly weightless (1.08kg) and contains a uniquely no-fan system which is noiseless, and resilient to dust.

It can be placed on a table-top or be mounted onboard a monitor, as a back-mount.

Main Features

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| <ul style="list-style-type: none"> ● Point-to-Point or Multipoint ● Recording & Streaming ● Streaming via Web Interface ● Share files via USB key ● Interactive Multicast Chair/Participant ● Session Multicast ● Embedded Broadcast viewer ● Online Directory ● Web-based management ● ISDN | <ul style="list-style-type: none"> ● Displays running Ticker ● IEEE 802.11 WiFi technology ● Back-mountable onboard a monitor ● Fanless interior, dust resilience ● Regulatory Compliance: UL, CSA (cUL), TUV, TUV-CB, CE-LVD, CE, FCC Class B, BSMi, VCCI, C-Tick, RoHS Compliant |
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Video Characteristics	
• Video Specifications:	Transmission Speed, H.323: 64 Kbps - 1Mbps, ISDN 64 Kbps -256 Kbps (2xBRI)
• Video Standards:	H.261, H.263, H.263+/++,
• Live Video Resolution:	H.264 – UP TO 384Kpbs outgoing QCIF (176 x 144 pixels), QVGA (320 x 240 pixels), SIF (352 x 240 pixels), CIF (352 x 288 pixels)
• Video Frame Rate:	Up to 10 fps: 64 Kbps, Up to 20 fps: 96 to192 Kbps, Up to 30 fps: 256 Kbps and higher
• Video Inputs:	Optional Digitus PTZ, Single/Dual, 1xUSB Camera (Logitech 9000 PRO)
• Video Outputs:	DVI, VGA
• Video Features:	Video device discovery, Automatic NTSC/PAL detection, Unlimited number of video devices supported, MCU 1+3 Video Switch, Stream/Record Native Video Resolution
• HD Simulcast™	Chair or Participant in any Interactive Multicast session Integrated Broadcast Viewer Uses bandwidth-efficient IP multicast.
Audio Characteristics	
• Audio Features:	Full duplex echo cancellation, Automatic noise suppression (ANS), Automatic gain control (AGC), Audio device discovery, Voice Activity Detection (VAD)
• Audio Standards:	20 KHz: AAC-LD, 14Khz: G.722.1 Annex C, 7 KHz: G.722, G.722.1 3.4 KHz: G.711, G.723.1, G.728,G.729, AMR (3G)
Data Characteristics:	
• Data Specifications:	Data Sharing Methods, Laptop plug in (via Tabletop Pod), USB storage key Documents: PPT, PPTX, PPS, PPSX, DOC, DOCX, XLS, Video clips (AVI, MPEG, WMV, etc.), Audio clips (WAV, MP3), Graphic files (BMP, GIF, TIF, etc.), HD DualStream™, VGA input via DataPoint, H.239 support, Tandberg DuoVideo support, Sending and receiving capability, 1 live video source + 1 data source. (No Data sharing over ISDN)
• Resolutions supported:	XGA, SVGA, 4CIF, VGA, CIF
Networking Characteristics	
• Networking Specifications Standards Supported:	ITU-T: H.323 v4.2, Annex Q (FECC), ISDN: H.320, H.221, H.242, H.230
• Wireless Connectivity:	802.11b/g
• Communication Ports	RS-232
• H.323 QoS Features:	DiffServ, IP Precedence, Firewall port sync, NAT IP address mask, Port pinholing, Adaptive Bandwidth Adjustment, Packet loss recovery (FEC), Packet ordering, Packet duplication control, Jitter correction, Lip sync correction, Overhead prediction, Max packet size adjustment
• Dialing Modes:	Manual, Speed dial, Personal Address book, Online directory, Multicast chair, Broadcast viewer, Telnet API for AMX/Crestron
• Security & Encryption:	Encryption using H.235 (AES); Supports Emblaze-VCON NetPoint, — Firewall traversal, — Network address translation, Supports restricted access to users via admin
• Control:	International Remote Control, Embedded Web-Based management, Telnet API for AMX/Crestron
• Directory Services:	1000+ local number directory, 10,000+ global number directory, H.350 support (MXM mode), LDAP online directory support, - OpenLDAP, - Microsoft ILS, SiteServer, Active Search and filter queries
Physical Characteristics	
• Dimensions:	180 x 255 x 19 mm
• Weight:	1.08 Kg
Environmental Characteristics	
• Temperature:	0°C-40°C
• Storage Temperature:	-20°C-80°C
• Humidity:	15 - 80% humidity
• Universal power supply:	DC 20V,40W
• Operating Voltage:	120V or 230V
• Operating Frequency:	50 Hz or 60 Hz
• Regulatory Compliance:	UL, CSA (cUL), TUV, TUV-CB, CE-LVD, CE, FCC Class B, BSMI, VCCI, C-Tick, RoHS Compliant
• Language Support :	English, French, German, Italian, Spanish (Spain and Latin America), Portuguese (Brazil), Chinese, Korean and Russian

About Emblaze-VCON

Emblaze-VCON is a world leader in the development and deployment of high-performance, end-to-end videoconferencing solutions over IP and ISDN networks. Our award-winning products enable enterprises of all sizes to boost productivity and efficiency through enhanced collaboration and seamless communications across cities, countries and continents.

Emblaze-VCON has perfected a full suite of industry-leading, standards-based videoconferencing solutions comprising feature-rich **boardroom** systems and **desktop** video applications, as well as enhanced network management tools and **infrastructure solutions**.

Our best-of-breed products offer the latest in videoconferencing technology, such as high definition video and audio, embedded multiparty conferencing, advanced data-sharing and cutting-edge recording/streaming capabilities.

