With its 6-site multipoint conferencing, DualStream™ technology, session-recording & streaming capabilities unique to Emblaze-VCON endpoints, the xPoint^S offers full-feature functionality and standards-based interoperability in a single sleek appliance.

General Description

Delivering TV-like video quality with 720p incoming video and crisp, CD-quality audio over both IP and ISDN networks, xPoint^S is the ideal videoconferencing solution for executive meeting rooms.

Driven by VCON's powerful xPoint software, xPoint^S is an All-in-One videoconferencing system. Featuring 1+5 embedded MCU, in-build recording capability of up to 1000 hours, streaming of live and recorded sessions, data sharing, interactive multicast and much more...

Emblaze-VCON's xPoint^S room solution is a high-performance set-top appliance that has been enhanced to include even more superior features for optimal executive videoconferencing.

Main Features

- Embedded MCU 1+5
- Point-to-Point or Multipoint
- Streaming via Web Interface
- Recording & Streaming
- Interactive Multicast Chair/Participant
- Session Multicast
- Share files via USB key
- Data Sharing
- Dual Monitor Support
- Online Directory

- ISDN
- Broadcast viewer
- Web-based management
- Displays running Ticker
- Streaming via Web Interface
- Embedded Broadcast viewer
- Laptop screen sharing
- Native 16:9 wide screen support

Video Characteristics	
• Video Specifications:	Transmission Speed, H.323: 64 Kbps - 4Mbps, ISDN 64 Kbps -512 Kbps (4xBRI)
• Video Standards: • Live Video Resolution:	H.261, H.263, H.263+/++, H.264 – UP TO 4Mbps outgoing QCIF (176 x 144 pixels), QVGA (320 x 240 pixels), SIF (352 x 240 pixels), CIF (352 x 288 pixels), VGA (640 x 480 pixels), 4SIF (704 x 480 pixels), 4CIF (704 x 576 pixels), 720p (1080 x 720 pixels) Incoming Only.
• Video Frame Rate:	Up to 10 fps: 64 Kbps, Up to 20 fps: 96 to 192 Kbps, Up to 30 fps: 256 Kbps and higher
• Video Inputs:	1 x SVideo + 1xComposite
• Video Outputs:	1 each: S-video, Composite, Digital Video Interface (DVI), VGA
• Video Features:	Video device discovery, Automatic NTSC/PAL detection, Unlimited number of video devices supported, MCU 1+5 Video Switch, CP/MC/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™, Sharing of file, or the VGA input, H.239 support, Tandberg DuoVideo support, Sending and receiving capability, 1 live video source + 1 data source
• Resolutions supported:	XGA, SVGA, 4CIF, VGA, CIF
Networking Characteristics	
• Networking Specifications Standards Supported:	ITU-T: H.323 v5, H.281, Annex Q (FECC), ISDN: H.320, H.221, H.242, H.230
• 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 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
Peripheral Specifications Pan-Tilt-Zoom Camera Unit	
• Camera Type VCON 80 SDA:	18x optical zoom by 12x digital zoom360 continuous rotation, Pan viewing angle: 60°, Maximum viewing angle: 65°, 18x optical zoom by 12x digital zoom, Regulatory compliance: CE, FCC, and RoHS standards
Physical Characteristics	
• Dimensions:	4.5 x 22.5 x 30 cm
• Weight:	2.950 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:	CE, FCC Part 15, 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.