



Web Point Advantages

- High definition video and audio videoconferencing
- Regular screen + full screen
- PIP Control
- Supports encrypted conferences using the H.235 encryption standard
- Emblaze-VCON PacketAssist™ architecture for advanced Quality of Service (QoS) over IP
- Fully compatible with Windows Vista SP1
- H.460.18/19 support for Firewall/NAT traversal
- SIP & H.323 via MXM

Emblaze VCON - Web Point

The freedom of high definition video conferencing from anywhere, anytime. Wherever you are - access your enterprise video conferencing network through the Internet, and enjoy high quality video communication. Stay connected, increase productivity and save valuable time. Working has never been more convenient and enjoyable.

Design

- Web Based
- Intuitive user interface
- “presence” indication
- Interoperable with any SIP / H.320 standards-based endpoint and Telepresence
- Easy to deploy and manage; one-click installation
- Scalable to thousands of users

Application

- Extend the benefit of high definition PC video to all employees
- Accelerate decisions, scale expertise and create a cohesive team environment
- High definition video conferencing, anytime, anywhere

Performance

- 720p resolution with 30 fps provides crystal clear image
- MPRG4 AAC-LD Wide Band Audio

Web Point intuitive user interface allows fast, easy and reliable connections between desktop video, conference rooms, other Web Point users and Telepresence.

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Minimum PC Requirements

- Pentium IV 2.4 Ghz PC
- H.264 4CIF and above requires Core 2 Duo or Dual Core 3Ghz or faster CPU, or AMD equal to, or faster than Athlon 64x2 Dual
- 256MB 400 MHz RAM
- 25 MB available disk space
- Windows XP, Vista
- Graphic display that supports DirectX 9.0

Specifications

Video Specifications

Transmission Speed
H.323: 64 Kbps - 4Mbps

Video Standards

H.261, H.263, H.263+/++
H.264 - up to 2Mbps outgoing

HD Video Resolution

1080p (1920 x 1080 pixels)
incoming
720p (1280 x 720 pixels)

Other Video Resolution

4CIF (704 x 576 pixels)
4SIF (704 x 480 pixels)
VGA (640 x 480 pixels)
Interlaced CIF (352 x 576 pixels)
CIF (352 x 288 pixels)
SIF (352 x 240 pixels)
QVGA (320 x 240 pixels)
QCIF (176 x 144 pixels)

Video Frame Rate

Up to 15 fps: 64 - 128 Kbps
Up to 20 fps: 192 Kbps
Up to 30 fps: 256 Kbps +

Video Features

Video device discovery
Automatic NTSC/PAL detection
Unlimited number of video devices supported
Auto processor speed discovery
Invite

Audio Specifications

Full duplex echo cancellation
Automatic noise suppression (ANS)
Automatic gain control (AGC)
Audio device discovery
Audio tuning wizard
Unlimited number of audio devices supported
Voice Activity Detection (VAD)

Audio Standards

AAC-LD – 20Khz
G.722.1- Annex C – 14Khz
G.722, G.722.1 – 7Khz,
G.711, G.723.1, G.728,
G.729 - 3.4 KHz

Advanced Data Sharing Capabilities

HD DualStream™

File, and window sharing
(Detachable data view)
H.239 support in both live video
Tandberg DuoVideo support
Sending and receiving capability
1 live video source + 1 data source
Resolutions supported:
XGA, SVGA, 4CIF, VGA, CIF, QVGA

Networking Specifications Standards Supported

ITU-T: H.323 v5.5
H.281 Annex Q (FECC)
H.460 18,19 (FW traversal)

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

Viewing Modes

Regular screen
Full screen
Support for 16:9 aspect ratio in wide screen

Dialing Modes

Manual
Online directory

Chat Mode

Upto 4 concurrent sessions

Security

H.235 Encryption

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 Directory and Exchange
Sun iPlanet
Netscape Directory
Search and filter queries

Language Support

English, French, German, Italian, Spanish, Chinese, Polish, Turkish, Norwegian, Korean, Russian, Indonesian

Graphic display that supports DirectX 9.0

All specifications subject to change without notice, system specifics may vary.
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