



### 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.323 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
- MPEG4 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  
G722, G722.1 – 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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