ERICSSON ViPr™ 5000

Video conference system for groups delivers the most natural conversations and most productive meetings

The industry's most advanced rack-mounted, conference room-based video device, the standards-based Ericsson ViPr™ integrates real-time communications with built-in conferencing and presentation tools.

The ViPr 5000 Series includes three models to choose from:	
VMC5000	Rack-mount terminal
VMC5200	Rack-mount terminal + ViPr Virtual Share collaboration package
VMC5400	Rack-mount terminal + ViPr Virtual Share collaboration package + extended I/O

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TAKING YOU FORWARD

Design features

- Designed for high quality video conferencing in a meeting room environment
- Displays video on a plasma screen or overhead projector
- Delivers real-time video and high resolution content simultaneously
- Built-in conferencing and presentation capabilities make it easy to connect, disconnect, and interact with callers
- Codec-only box can be mounted on a conference room rack

Application features

- Ad-hoc conferencing capabilities for up to a 15-way conference call (no multi-conference unit [MCU] required)
- Video images are not cropped, providing full conference room views
- Displays live or pre-recorded video feeds during a call
- Stereo quality output with volume control
- Integration with Microsoft NetMeeting for instant collaboration sessions within a ViPr call
- Presentation capabilities via a PC-to-ViPr connection
- Simultaneously view a presenter and presentations
- H.264, Session Initiation Protocol- (SIP-) based device provides full H.32x ineroperability
- IPv6 support
- English, Japanese, and Simplified Chinese language support
- Active Presence states maintained for call routing

Performance features

- Unequaled video quality based on the H.264 standard
- Wide-band audio
- Support for 10/100, 100FX, and ATM local area network connections
- Call modes that require bandwidth from 128 Kbps to 3 Mbps
- Low latency (<100 ms) for video encoding, providing real-time communications
- Call statistics provided through the end device user interface

Network features

- SIP: Session Initiation Protocol (RFC 3261)
- SIP-Specific Event Notification (RFC 3265)
- Presence Event Package for SIP (RFC 3856)
- SIP INFO Method (RFC 2976)
- Reliability of Provisional Responses in SIP (RFC 3262)
- SIP Refer Method (RFC 3515)
- SIP "Replaces" Header (RFC 3891)
- SIP Referred-By Mechanism (RFC 3892)
- Uniform resource identifier (URI) dialing
- Configurable network parameters
- Quality of Service using Diffserv code point (DSCP) for IP
- IPv4 and IPv6 capable
- H.225/H.245/H.450 support (ViPr Application Server)

Bandwidth

- SIP support ranging from 384 Kbps to 3 Mbps
- H.32x support ranging from 128 Kbps to 2 Mbps

Video standards

- H.261, H.263, H.264 & MPEG-2 (decode only for compatibility with earlier ViPr systems)

Video features

- Individual placement of call participants to suit viewing preferences
- 30 frames per second of 640x480 video resolution
- Enhanced conference modes to display video participants in multiple views
- Concurrent “view call” windows and streaming video
- View collaboration on the ViPr screen while participating in active calls

Video inputs

- S-Video
  - Two S-Video inputs for VMC5000 and VMC5200
  - Four S-Video inputs for VMC5400
- 1 extended graphics array (XGA) input (PC input); 1024x768, 60 Hz (VMC5200 and VMC5400 only)

Video outputs

- 1 wide extended graphics array (WXGA) output; 1280x768, 60 Hz (HD15)

Video format

- National television standards committee (NTSC), phase alternation line (PAL)
- Graphics: XGA

Frame rates

- 30 frames per second at 384 Kbps and above

Audio standards

- G.728, G.722.1, G7.22, G.721, G.711

Audio features

- Wideband audio
- Full-duplex audio
- Automatic gain control
- Microphone/speaker mute
- Individual and global volume controls to manage each participant's audio

Audio inputs/outputs

- 1 output for external speakers
- 1 analog input for PC audio

Network interfaces

- 10/100 (RJ-45)
- 100fx (available with add-on board)
- ATM MMF, (available with add-on board)
- ATM UTP, (available with add-on board)

Presentations and collaboration

(Available with the VMC5200 and VMC5400 only)

- Initiates a screen capture that can be shared with all members of a call
- Initiates an associated Microsoft NetMeeting session with a call party's PC (requires the ViPr PC application to be installed on your neighboring PC)

Multi-site features

- On-demand conference capabilities
- No MCU required
- Conferences up to 15 participants
- Stereo audio allows for talk-over capabilities

Security features

- Management via Hypertext Transfer Protocol over Secure Socket Layer (HTTPS)
- Administrator passwords
- SIP Digest Authentication
- User authentication via ViPr database, Windows/server message block (SMB) server, or Kerberos 5 server
- User authentication and access to contacts/settings information is protected via Transport Layer Security (TLS)

System management

- End-point specific configuration
- Remote software upgrades
- Network statistics provided for troubleshooting
- Remote management via a Web interface on the ViPr Application Server

Directory services

- Personal and global user directories
- Interfaces with Lightweight Directory Address Protocol (LDAP) for user directories
- 2,000-contact global directory
- Grouping capabilities within directories

Firewall transversal

- Available with the ViPr SIP Firewall powered by BorderWare product

Language support

- English
- Japanese
- Simplified Chinese

Customizable messaging

- Customizable pre-login banners
- Customizable post-login banners

Dimensions (H x W x D)

- 3.5 in. (8.89 cm) x 17 in. (43.18 cm) x 14.75 in. (37.47 cm)

Environmental

- Operating altitude 0 to 10,000 ft (0 to 3,048 m)
- Operating humidity 20% to 85%
- Operating temperature 32º F to 104º F (0º C to 40º C)
- Storage altitude 0 to 30,000 ft (0 to 9,144 m)
- Storage humidity 5% to 85%
- Storage temperature -40º F to +158º F (-40º C to +70º C)

Power

- Auto-sensing power supply
- Cooling load (typical) 900 BTUs/hour
- Input (maximum) 120/220 VAC, 50/60 Hz, 5/2.5 A

Standards compliance

- U.S. CFR 47 Part 15, Class A (FCC); UL 60950, 3rd Edition
- Canada CAN/CSA 22.2 No. 60950-00, DOC Class A
- Europe/UK IEC 60950, 3rd Edition (1999); EN55024; EN55022, Class A (CE)
- Japan VCCI, Class A

Weight

- 19 lbs (8.62 kg)

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