

ViewStation V.35

High-quality Full Motion Videoconferencing at 768 kbps



ViewStation V.35

Polycom's® ViewStation™ V.35 brings the benefit of ViewStation's high-quality, high-bandwidth audio and video, industry-leading web integration and extensive ease-of-use features to an even broader global customer base. ViewStation V.35 enables customers on both public and private networks worldwide to deploy ViewStation throughout their organization. With ViewStation V.35, users can connect to external data communications equipment (DCE) for high quality videoconferencing over digital networks including BRI, PRI, T1, E1, satellite modems or ATM.

Maintaining its trademark ease of use and compact design, ViewStation V.35 includes a lightweight external V.35 interface adapter that takes just minutes to install. Supporting up to 768 kbps data rates and up to 30 frames per second video, ViewStation V.35 provides full-motion video for the most demanding videoconferencing requirements. For satellite broadcast video transmissions, ViewStation V.35 supports H.331 standards-based broadcast mode.

ViewStation V.35 supports small- to large-group videoconference standard features, including dual monitor support, voice-tracking camera, integrated presentation capabilities, high-quality audio, extensive ease of use features, and remote management capabilities.

- ▼ ViewStation V.35 delivers up to 768 kbps full-motion video at 30 frames per second, at an industry-leading price point
- ▼ H.331 Broadcast mode
- ▼ Polycom's market-leading Acoustic Clarity Technology™
- ▼ Integrated presentation system provides a convenient and reliable way to display Microsoft® PowerPoint® slides from a local or remotely connected PC
- ▼ Embedded Web server and Ethernet hub provide extensive remote system management and diagnostics capabilities
- ▼ Intuitive graphical interface makes videoconferencing easy to use for everyone

Technical Specifications

Video

Algorithms Supported

ITU-T H.320 (px64); H.323-ready

Video H.261, H.263
Audio G.728, G.722, G.711

Display

Dual or single monitor Auto-sensing
Format NTSC or PAL
Auto-PIP system Auto-on, Auto-swap, Auto-off
Composite connector RCA phono
S-Video Mini-DIN

Video Resolution

H.320 FCIF 352 × 288 pixels
QCIF 176 × 144 pixels

Frame Rate

15 fps @ 56 kbps up to 336 kbps
30 fps @ 336 kbps to 768 kbps

Main Camera

Image sensor 1/3 in IT CCD
Tracking technique Voice tracking
Speaker Distance 16 ft (5 m) optimal,
28 ft (8 m) recommended maximum
Speaker location ± 45° from center optimal
± 90° from center optimal

Communications

ITU-T standards H.221, H.331
T.120 support NetMeeting™, Polycom.ShowStation® IP
Transmission Speed 56 kbps - 768 kbps
Network Interface Cables optional
V.35 / RS-366 2 DB-25 Female Connectors

Input/Output

Document camera S-Video
VCR input Composite
Second camera S-Video
Second monitor S-Video

Full Duplex Digital Audio

Instant Adaptation Echo Cancellation <100 ms
Automatic Gain Control (AGC) Max. gain 12 dB
Automatic Noise Suppression (ANS) -20 dB

Surround Digital Mic Pod

Coverage 360°
Frequency Response 50 Hz-7.0 kHz
Mute button

Mics

3 hypercardioid elements

Audio Frequency Response

G.722 50 Hz-7.0 kHz
G.728 50 Hz-3.4 kHz
G.711 50 Hz-3.4 kHz

Integrated Speakerphone

Third party audio-only add-in RJ-11 Connector
(in countries where approved)

Diagnostics and Remote Web Management

	In Room	Via Web Browser	SNMP
Power up self test	Yes		Yes
Diagnostics/Configuration	Yes	Yes	Yes
Place call	Yes	Yes	
Call monitoring	Yes	Yes	Yes
Error logging		Yes	Yes
Low battery indicator on remote	Yes		Yes

Ethernet/Internet/Intranet Connectivity

Standards supported TCP/IP, DNS, WINS, SNMP,
Bootp, RARP, WWW, ftp
2 port 10 Mbps Ethernet hub 2 RJ-45 connectors

User Interface

Hand-held grip sensitive remote Infrared
On-screen user interface Graphical and Text
Web browser interface Microsoft® Internet Explorer™,
Netscape® Navigator™

Integrated Presentation System

Applications supported Microsoft® PowerPoint™,
NetMeeting™
In-room laptop PC connection RJ-45 connector
Remote Intranet/Internet connection Web-browser

Electrical

Auto-sensing power supply
Operating voltage 90-260 VAC; 47-63 Hz
Power Consumption 40 W

Environmental

Operating
Temperature 0° to 35° C
Humidity 15% to 80%

Non-operating

Temperature -40° to +70° C
Humidity 10% to 90%
Ambient Noise <40 dBA SPL
Minimum room lighting 7 lux
Recommended lighting >300 lux

Physical Dimensions

ViewStation size 13 in (33 cm) × 8 in (20 cm) × 6 in (15 cm)
ViewStation V.35 interface adapter 6 in (15.5 cm) × 3 in (8.5 cm) × 2 in (5.5 cm)
Weight 6.5 lbs /2.9 kg

Warranty

1 year parts and labor; extended service plans available

Languages Supported

English, German, French, Spanish, Italian



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