



Polycom® V²IU 5300-E Series Converged Network Appliance



Benefits

Simplifies Deployment Issues

- All in one network and security solution for converged voice, video and data networks

Enhances Security

- Secures voice and video devices
- Application layer gateway H.323 video, SIP, and MGCP voice that resolves NAT/firewall traversal issues
- Dynamic access control list simplifies setup

Optimizes Video and Voice Quality

- Routes media shortest path
- Video and voice call admission control prevents congestion of priority traffic
- Traffic management: priority queuing, traffic shaping and diffserv marking/policing
- Supports up to 25 Mbps of traffic in any combination of voice, video, or data

Versatile networking and security solution that offers future-proof scalability

The Polycom V²IU 5300-E series helps reduce costs by simplifying the deployment, management, and security of converged video, voice, and data networks. This is the ideal solution for enterprises that need to enhance interoffice connectivity and collaboration, or migrate from ISDN to IP-based network connectivity.

Many organizations achieve future-proof scalability by initially deploying the Polycom 5300-E series with a 10 Mbps performance license. As additional bandwidth is required, simply upgrade the 5300-E to 25 Mbps using a software license key to avoid expensive hardware forklifts or replacements.

In addition, the Polycom V²IU 5300-E is a VoIP and video-aware solution that helps resolve NAT/firewall traversal issues by performing video and voice NAT at the public/private IP address boundary, eliminating the security risks of other traversal methods that tunnel or "obscure" video and voice traffic from existing perimeter security.

It employs a stateful packet inspection firewall in combination with an application layer gateway, providing comprehensive application-aware security. This approach enables the Polycom V²IU 5300-E to dynamically provision and close TCP and UDP ports as needed by video and voice endpoints.

The Polycom V²IU 5300-E also makes optimizing the quality of your video and voice calls easy by routing video and voice traffic via the shortest path possible to minimize jitter, latency, and packet loss.

At the same time, bandwidth not in use by video or voice is made available so that data traffic can burst up to full line rate, maximizing WAN bandwidth. This traffic management, combined with video and voice call admission control, allows the administrator to effectively manage video and voice to deliver a high-quality experience.

The Polycom V²IU 5300-E series enables you to access the power of Polycom unified collaborative communications solutions.

With the greatest breadth and depth of integrated video, voice, and Web solutions, only Polycom delivers the ultimate communications experience. Our market-leading conferencing and collaboration technologies, supported by world-class service, enable people and organizations to maximize their effectiveness and productivity. Add to that the most experience and proven best practices in the industry, and it's clear why Polycom has become the smart choice for organizations seeking a strategic advantage in a real-time world.

To learn more about Polycom's Converged and Secure UCC Initiative, please go to www.polycom.com.



Connect. Any Way You Want.

Polycom V²IU 5300-E Series Specifications

Interfaces

WAN Interfaces

- 1 x 10/100/1000 Mbps
- Auto-Sensing or GUI selectable, full or half duplex

LAN Interfaces

- 1 x 10/100/1000 Mbps
- Auto-Sensing or GUI selectable, full or half duplex

Out-of-Band Management Interface

- 1 x 10/100 Mbps
- Auto-Sensing or GUI selectable, full or half duplex

Hardware

Dimensions

- Height (1.73"), Width (16.79"), Depth (15.75")
- Weight: 11.5 lbs/5.2 kg

Power

- 100/240v VAC, auto-selecting, 47 to 63 Hz Regulatory

Regulatory

- FCC Part 15, UL, cUL, CE and Industry Canada ICES-003

Management

- HTTP, HTTPS, SSH, Telnet, SNMP v1, MIB -II
- Syslog support
- Remotely upgradeable (FTP)
- Configuration backup/restore
- Ping, Traceroute, TCPdump

Software Features

Video and Voice

- SIP, MGCP and H.323 application layer gateway enables a single public IP address to be used for multiple endpoints
- Shortest path routing for media optimizes video and voice quality

QoS

- Class-based queuing/prioritization
- Diffserv marking and policing
- Traffic shaping
- Video and voice call admission control prevents oversubscription of priority queue

Security

- Stateful packet inspection firewall
- Application layer gateway dynamically provisions and closes UDP ports used for video and voice calls
- NAT/PAT server hides enterprise LAN topology

Passive Call Quality Monitoring (voice only)

- Per-call statistics include mean opinion score (average and minimum), jitter, latency, packet loss, and much more
- Alarms for poor MOS scores

Product ID

- V²IU 5300-E10: 2583-22563-001
- V²IU 5300-E25: 2583-22563-002

Description

V²IU 5300-E10 NAT/ Firewall traversal unit for medium to large enterprise locations. This model includes 2 x 10/100/1000 Ethernet interfaces, a 1 x 10/100 Ethernet out of band management with capacity of ~30 sessions @384kbps

V²IU 5300-E25 NAT/ Firewall traversal unit for medium to large enterprise locations. This model includes 2 x 10/100/1000 Ethernet interfaces, a 1 x 10/100 Ethernet out of band management with capacity of ~60 sessions @384kbps

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