



Polycom® V²IU™ 6400-S Series Converged Network Appliance



Benefits

Simplifies deployment issues

- All-in-one network and security solution for converged voice, video, data networks
- Upgradeable to H.460 support allowing for both H.460 and non-H.460 deployments

Enhances security

- Topology hiding ensures that the real IP addresses of critical network infrastructure components are not discovered
- Works seamlessly with gatekeepers and multipoint conference units
- 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 85 Mbps of traffic in any combination of voice, video, or data

Networking and security solution for enterprises and service providers.

The Polycom V²IU 6400-S series converged network appliance can reduce costs by simplifying the deployment, management and security of converged video, voice and data networks. It helps resolve NAT/firewall traversal issues by performing video and voice NAT at the public/private IP address boundary, which eliminates the security risks of other traversal methods that tunnel or “obscure” video and voice traffic from existing perimeter security.

The Polycom V²IU 6400-S series converged network appliance employs a stateful packet inspection firewall in combination with an application layer gateway, providing comprehensive application-aware security. This approach enables the Polycom V²IU 6400-S series converged network appliance to dynamically provision and close TCP and UDP ports as needed by video and voice endpoints.

Topology hiding is utilized to protect H.323 gatekeepers and multipoint conference units from network-based attacks. Simply install the Polycom V²IU 6400-S series converged network appliance between your H.323 gatekeeper or multipoint conference units and the public IP network to hide their real IP addresses and increase security.

Optimizing the quality of your video and voice calls is easy, as the Polycom V²IU 6400-S series converged network appliance routes video and voice traffic via the shortest path possible to minimize jitter, latency, and packet loss. Dynamic access control list identifies and authenticates video and voice devices as they register with the gatekeeper. This authentication mechanism eliminates the need to manually program IP addresses of valid devices in other firewalls around the perimeter of the data center.

It's clear that the Polycom V²IU 6400-S series converged network appliance is an easily deployed network appliance solution that provides greater scalability than other server-based software solutions. And since it protects critical IP communication components used in the delivery of hosted video or voice services, it's the ideal solution for both enterprises and service providers.

The Polycom V²IU 6400-S series converged network appliance also offers peering proxy which provides an additional layer of security by introducing peering points within a network to connect “trusted” internal networks to an unknown network such as the Public Internet. H.323 prefixes are used to route calls to peering points based on a matching prefix in the destination alias of the call.

Make Great Things Happen with the Polycom V²IU 6400-S Series Converged Network Appliance

In today's Internet driven world, the ability to conduct real time communication and collaboration has become critical to an organization's survival. As the market leader in voice, video, data and Web solutions, our award-winning conference technology makes it easy for people to interact and maximize productivity — over any network, in just about any environment, anywhere around the globe. That's why more organizations worldwide use and prefer Polycom conferencing solutions. Because when people work together, great things happen. See how you, too, can achieve great things with the Polycom V²IU 6400-S series converged network appliance.



Video Voice Data Web

Polycom V2IU 6400-S Series Converged Network Appliance Specifications

Interfaces

WAN Interfaces

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

LAN Interfaces

- 1 x 10/100 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 (3.45"), Width (17.11"), Depth (20")
- Weight: 45 lbs/20.4 kg

Power

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

Regulatory

- FCC Part 15 (Class A), UL, CE (Class A)

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
- Upgradeable to H.460 support
- Peering Proxy

Security

- Stateful packet inspection firewall
- Application layer gateway dynamically provisions and closes UDP ports used for video and voice calls
- NAT/PAT server hides 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
- Active call count indicators

Product ID

- 2583-22564-002

Description

V2IU 6400-S85 used to protect managed service providers from network-based attack. This model includes 2 x 10/100 Ethernet interfaces, dual redundant, hot swap AC power supply, NEBS Compliance with capacity of 85 megs of video traffic. Select the power cord per region.

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Polycom Headquarters:

4750 Willow Road, Pleasanton, CA 94588 (T) 1.800.POLYCOM (765.9266) for North America only.
For North America, Latin America and Caribbean (T) +1.925.924.6000, (F) +1.925.924.6100

Polycom EMEA:

270 Bath Road, Slough, Berkshire SL1 4DX, (T) +44 (0)1753 723000, (F) +44 (0)1753 723010

Polycom Asia Pacific:

Polycom Hong Kong Ltd., Rm 1101 MassMutual Tower, 38 Gloucester Road, Wanchai, Hong Kong, (T) +852.2861.3113, (F) +852.2866.8028

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