



TANDBERG Gatekeeper

The TANDBERG Gatekeeper is a high-performance, reliable, secure, and easy-to-use gatekeeper designed to complement TANDBERG's infrastructure solutions. The TANDBERG Gatekeeper allows customers to have an end-to-end infrastructure solution.

DESIGN FEATURES

- Appliance-based architecture allows for easy deployment and high reliability
- Secure management and lock-down support
- Easy to manage either as a stand alone gatekeeper or with the TANDBERG Management Suite
- Works with any H.323 compliant device
- Easy to upgrade
- 1U rack mountable

APPLICATION FEATURES

- Embedded setup wizard for easy installation
- Supports automatic and manual registrations
- Flexible zone configuration with named zones and default zone
- Supports inter- and intra-zone bandwidth control
- Direct call signaling

PERFORMANCE FEATURES

- Uses only solid state memory for high reliability
- Scalable up from 25 to 200 concurrent calls
- Up to 100 neighboring zones and up to 1000 devices and services
- HTTPS, SSH, and SCP for secure management



ARCHITECTURE

Secure appliance based architecture
Flash memory (diskless and no hard drive)
ITU-T H.323 v4 compliant
ITU-T H.225 v4 compliant

RELIABILITY

Reliability built-in
Registrations survive system restart
Existing calls not affected by a system restart
Fast start-up time (1 minute)
Gatekeeper process recycling if ill-behaving systems cause incorrect state
Gatekeeper process recycling within seconds

SECURITY

Secure Management with HTTPS, SSH, and SCP (secure file transfer)
Can lock-down IP services
Authentication required on HTTP(S), Telnet, SSH, SCP, and serial port
Compatible with H.235 v2 and v3 enable H.323 devices

MANAGEMENT

Supports industry standards such as RS-232, Telnet, HTTP(S), SCP, and SSH
Embedded setup wizard on serial port for initial configuration
Manage with TANDBERG Management Suite 9.0 or greater
Logging and diagnostics

CALL CONTROL AND REGISTRATIONS

Supports automatic discovery and manual registrations of end-points
Registration of H.323 ID, E.164 aliases and services
Direct call signaling intra- and inter-zone
Up to 200 active calls
Up to 100 services for a single end-point
Up to 1000 registrations (includes end-points and services)

ZONE CONTROL

Supports up to 100 neighboring zones
Flexible zone configuration with named zones and default zone
Can function as a leaf gatekeeper or as a master gatekeeper in a gatekeeper hierarchy
Supports forwarding of requests to neighboring gatekeepers and gateways
Support call routing using gateway services on neighboring gatekeeper
Can disable automatic discovery

BANDWIDTH MANAGEMENT

Interzone
- Max bandwidth per call
- Max aggregate bandwidth for all neighboring zones
Intrazone
- Max bandwidth per call
- Max aggregate bandwidth
Auto downspeeding if call exceeds per-call maximum
Gateway load balancing

INTERFACES

3x LAN/Ethernet (RJ-45), 10/100 Base-TX port,
2X RS232 DB-9 (front + rear)
1x USB (rear)

POWER

Auto-sensing power supply
1AC/DC 90-264V full range @ 47-63Hz
250W ATX power supply

COOLING SYSTEM

Two 40mm fans for system cooling

SYSTEM CONTROL AND INDICATOR

1x Power LED
1x Power on/off switch (rear)
3x Act/ Link, 10/100 LED on RJ-45

DIMENSION

426(W) x 228.6(D) x 43.5(H) mm (16.8" x 9" x 1.72")
1U rackmount chassis

ENVIRONMENT

Operating temperatures : 0 C to 40 C
Storage temperatures : -20 C to 80 C
Relative humidity : 10% to 90% (Non-condensing)

CERTIFICATION

LVD 73/23/EC
EMC 89/366/ECC

System features vary depending on network selection and software package. All specifications subject to change without notice.

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TANDBERG

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