



# 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 provides firewall traversal support for multi-vendor endpoints.



Rear View  
Easy setup and installation

#### DESIGN FEATURES

- Appliance-based architecture allows for easy deployment and high reliability
- 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
- Secure and reliable
- 1U rack mountable
- H.460.18/19 compliant
- Supports H.460.19 multiplexed media

#### 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
- Firewall traversal with TANDBERG Expressway™ Technology
- URI Dialing
- Device authentication using H.235
- Policy Engine for processing calls

#### PERFORMANCE FEATURES

- Scalable up to 500 concurrent calls
- Uses only solid state memory for high reliability
- Up to 100 neighboring zones and up to 2500 devices and 100 services
- Allows URI dialing for massive scalability
- HTTPS, SSH, and SCP for secure management

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## ARCHITECTURE

Secure appliance based architecture  
Flash memory (diskless and no hard drive)  
ITU-T H.323 v5 compliant  
ITU-T H.225 v4 compliant  
H.460.18/19 compliant  
H.460.18 client support  
Supports H.460.19 multiplexed media  
TANDBERG Expressway Technology  
H.323 v5 Annex O (for DNS dialing support)

## RELIABILITY

Reliability built-in  
Registrations survive system restart  
Existing calls not affected by a system restart  
Fast start-up time  
Gatekeeper process recycling within seconds  
H.225 Alternate Gatekeeper Support

## SECURITY

Secure Management with HTTPS, SSH, and SCP  
- Secure File Transfer  
- Inactivity Timeout  
Can lock-down IP services  
Authentication required on HTTP(S), Telnet, SSH, SCP  
and serial port  
Compatible with H.235 v2 and v3 enabled H.323 devices  
H.235 Authentication support

## MANAGEMENT

Embedded setup wizard on serial port for  
initial configuration  
Management support through TANDBERG Management Suite  
9.0 or newer  
Advanced management support and configuration with  
TANDBERG Management Suite 11.0 or newer  
Call logging and diagnostics  
Support for logging to a syslog server  
Local time zone aware

## CALL CONTROL AND REGISTRATIONS

Supports automatic discovery and manual registrations  
of end-points  
Supports automatic discovery, manual registration  
of endpoints  
Supports H.225/Q.931, H.245 call control routed mode  
Registration of H.323 ID, E.164 aliases and services  
Supports Unicode (UTF-8) registration for global  
implementation  
Initiate, disconnect and transfer H.323 calls from  
the Gatekeeper API interface  
URI Dialing  
Direct call signaling for both inter and intra zone calls  
Up to 100 traversal calls  
Up to 500 active calls  
Up to 100 services for a single device  
Up to 2500 active registrations  
Call Policy Management (RFC 3880)

## ZONE CONTROL

Supports Remote Zone monitoring  
Supports Remote Zone redundancy  
Supports up to 100 neighboring gatekeepers  
and Border Controllers  
Supports sub-zone area definition for bandwidth  
management  
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  
Can disable automatic discovery and forwarding of LRQ's  
Registration Control (open, specifically allow,  
specifically deny)

## BANDWIDTH MANAGEMENT

Interzone — definable call by call  
- Max bandwidth per call  
- Max aggregate bandwidth for all neighboring zones  
Intrazone — definable call by call  
- 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 250W (Max) power supply  
1AC/DC 90-264V full range @ 47-63 Hz  
250W ATX power supply

## COOLING SYSTEM

Two 40 mm 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

## NETWORK

Supports DNS Addressing  
Supports IPv4 and IPv6 simultaneously  
Provides IPv4/v6 Translation Services

## APPROVALS

Directive 73/23/EEC (Low Voltage Directive)  
- Standard EN 60950  
Directive 89/336/EEC (EMC Directive)  
- Standard EN 55022, Class A  
- Standard EN 55024  
- Standard EN 61000-3-2/-3-3  
Approved according to UL 60950  
and CAN/CSA C22.2 No. 60950  
Complies with FCC15B Class A

## DIMENSION

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

## ENVIRONMENT

Operating temperatures: 0° C to 40° C (32° F to 104° F)  
Storage temperatures: -20° C to 80° C (-4° F to 140° F)  
Relative humidity: 10% to 90% (Non-condensing)

## CERTIFICATION

LVD 73/23/EEC  
EMC 89/366/EEC  
ICSA (software version 5.x)



*All specifications subject to change without notice,  
system specifics may vary.*

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## TANDBERG

# Gatekeeper

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