

# GW6000

## Intelligent Gateway



### Features

- All-in-one device supports Voice, Data and Wireless access for small office
- Support up to 8 VoIP trunks
- Support up to 3 PSTN trunks
- Built-in 802.11g Wi-Fi access point
- Support 24 wired/wireless IP Terminals and one Analog Terminal
- Intelligent Call Server
- Built-in SIP proxy
- Automatic fall-back to PSTN line calling when power fails
- Auto attendant and Voice Mail
- NAT and Routing functions

**T**ecom Intelligent Gateway GW6000 is a solution that provides Data, Voice and Wireless access in a single solution for very small and small offices.

With built-in SIP Proxy, Auto Attendant and Voice Mail system and the intelligent call server database, GW 6000 offers completed IP-PBX functions that a small office will need.

In addition to the IP-PBX functions, GW6000 also supports 4 port switches and 802.11g wireless and Firewall security features. It is a comprehensive solution provides every network access feature that a small office may need in the most cost-effective manner.



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### Specifications

#### Voice Features

- Answering Position
- Auto Attendant and Voice Mail
- Call Abandon
- Call Operator
- Call Routing
- Caller ID
- Caller ID to Extension
- Daylight Saving Time
- Default Set
- Direct Inward System Access (DISA) via Auto Attendant
- Extension Password
- Feature Key Programming
- Flash-Analog Port(SLT) Flash Recognition
- IP Trunk
- Line Group Assignment
- Make an Outside Call
- Message Waiting Indication (MWI)
- Multi-Line Appearance
- Music On Hold
- Night Switching
- Numbering Plan
- Polarity Reversal (PR) Detection
- PSTN backup
- Registration
- System Data & Time
- Transfer
- Trunk Group

#### VoIP Features

- SIP v2 (RFC3261)
- G.711, G.729A, and G.723.1 (optional)
- G.168 Line Echo Cancellation
- 2100 Hz Fax/Modem Tone Detection
- DTMF Detection
- Adaptive Jitter Buffer
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- DTMF Detection
- Adaptive Jitter Buffer
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- DTMF Relay (RFC2833)
- Call Progress Tone Generation/Detection
- Caller ID

#### Network Features

- TCP/IP Protocols
- IP Address Assignment
- Routing
- Virtual Server
- IP QoS (802.1p, VLAN, Priority Queue based on ToS tag)
- VoIP Protocols
- Security
- Configuration Management
- Remote Diagnostic

#### Security

- Firewall
- Packet Filtering
- Access Control List

#### Wireless Security:

- Support WEP (64, 128-bit) encryption
- 802.1x and WPA/WAP2 authentication
- MAC Address-based access control
- WDS support

#### Remote Configuration and Diagnostic

#### Dimension

- 192(W) x 280(L) x 32(D) (mm)

