

Complete Business Communications System **IN ONE DEVICE**



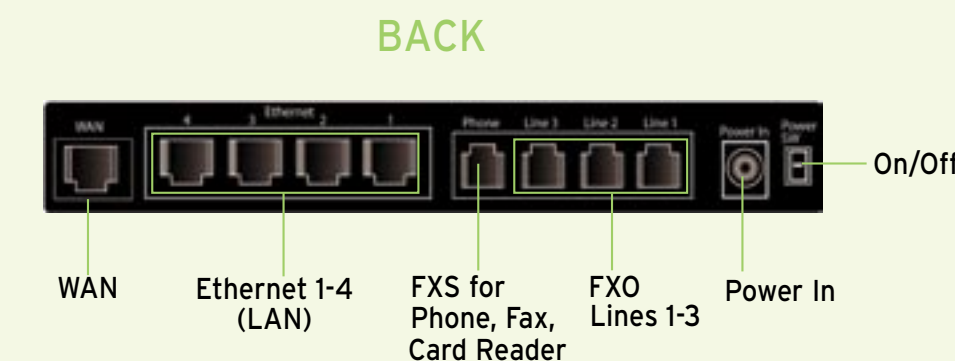
Xcelerator IP™

Wireless VoIP and Data Network Solution for Small Business

- IP Phone System
- Wireless Access Point (WAP)
- Data Router
- Firewall
- Voicemail
- Auto Attendant
- Music on Hold
- 911 Support on CO Trunks
- Integrated Fax Detection
- Fast Setup and Easy Maintenance



XCELERATOR IP GATEWAY

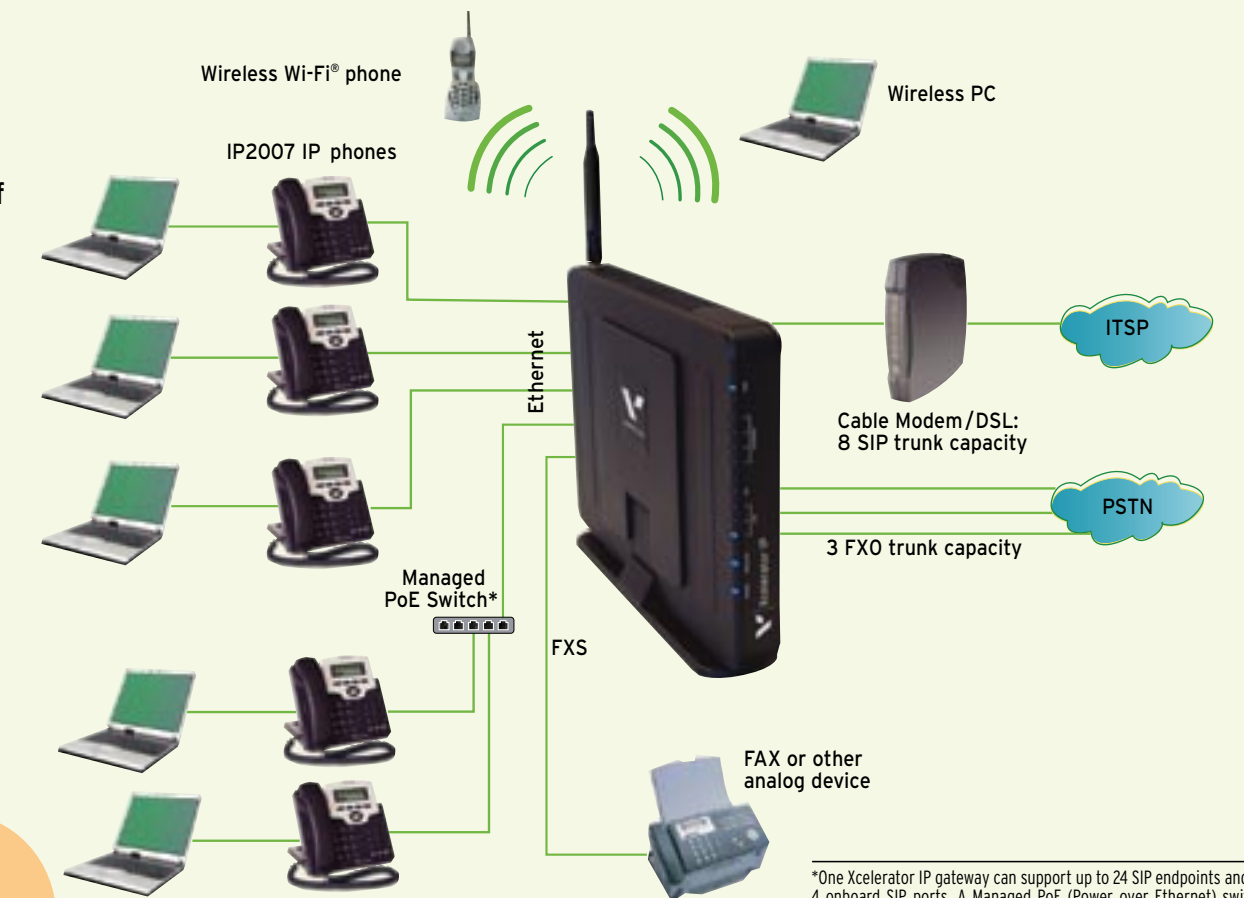


Part Number	Description
7500-00	Xcelerator IP Gateway
7504-00	IP2007 IP Telephone

IP2007 IP TELEPHONE



TYPICAL SMALL OFFICE SYSTEM



*One Xcelerator IP gateway can support up to 24 SIP endpoints and includes 4 onboard SIP ports. A Managed PoE (Power over Ethernet) switch is recommended to support more than 4 SIP endpoints. The example shows a 4-port switch with 2 ports utilized.

VERTICAL XCELERATOR IP GATEWAY Network Features

- LAN Interface: 4 Ethernet 10/100BaseT (via RJ45 Connectors)
- Supports 8 VoIP SIP Trunks and 3 FXO Standard Analog Trunks via RJ11C (Loop Start)
- SIP Proxy
- VoIP: SIP v2 (RFC3261), G.711, G.729a, and G.723.1 (optional)
- IP Address Assign (DHCP)
- IP QoS (802.1p, VLAN, Priority Queue Based on ToS tag)
- WAN Data Port (10/100BaseT); Access via External Cable/ADSL for Broadband Data
- TCP/IP Protocols
- Firewall functions: IP/Port/Interface Filtering Rules; Port Triggering; Port Forwarding; DMZ Host; MAC Layer Filtering; NAT with STUN
- Power over Ethernet (PoE) 802.3af

- Supports up to 24 SIP Voice Terminals, both Wired (expand with PoE switch) and Wireless via Ethernet or Built-in 802.11g Wi-Fi Access Point
- 1 FXS (RJ11) for Analog Device
- Remote Administration via 802.11g Wi-Fi or Ethernet

Performance Features

- Automatic Failover to PSTN
- Adaptive Jitter Buffer
- Automatic Fall-Back to PSTN Line Calling if Power Fails
- Auto Attendant and Voicemail (4 hours, G.729a)
- Automatic Registration with IP2007 Telephone
- Call Operator
- Call Progress Tone Generation/Detection
- Call Routing
- Caller ID Name & Number
- Caller ID to Extension
- Comfort Noise Generation (CNG)

- Data Protocols: DHCP, TFTP, RTP, SIP
- Daylight Saving Time
- Default Set
- Direct Inward System Access (DISA) via Auto Attendant
- DTMF Relay (RFC2833)
- Extension Password
- Fax/Modem 2100 Hz Tone Detection
- Echo Cancellation: G.168 for Each Voice Line
- Flash – Analog Port (SLT) Flash Recognition
- G.168 Line Echo Cancellation
- Integrated Voicemail
- Line Group Assignment
- Multi-Line Appearance
- Music On Hold
- NAT and Routing Functions
- Night Switching
- 911 on CO Trunks
- Numbering Plan

- System Data & Time
- System Speed Dial Capacity: 100 entries
- Transfer
- Trunk Group
- Voice Activity Detection (VAD)

Security

- Password Protected System Management
- User Authentication for PPP (PAP/CHAP/MSCHAP)
- Firewall
- Packet Filtering
- Access Control List
- Wireless Security: WEP (64, 128-bit) Encryption; 802.1x and WPA/WAP2 Authentication; MAC Address-Based Access Control

IP2007 IP TELEPHONE Features

- Automatic Registration with Xcelerator IP
- Blind Transfer

- Call Forward
- Always Forward
- Busy Forward
- No Answer Forward
- Call Log
- Call Park, Park Retrieve
- Caller ID Name & Number Displayed
- Conferencing (3 parties)
- Daylight Saving Time
- Dial Plan
- Directory Dial
- Do Not Disturb
- Dual Ethernet ports
- E-mail Notification of Voicemail Message
- External Paging
- Feature Key Programming
- Group Paging
- Headset Jack

- Hold/Resume Navigation
- Interactive LCD Display
- Interactive Soft Keys
- Least Cost Routing
- LED Status Indicators
- Menu Configuration
- Message Waiting Indication
- Mute
- Page Allow/Deny
- Phone Book: 400 Entries
- Phone Lock/Unlock
- Power over Ethernet (PoE) 802.3af
- Redial
- Ring Groups
- SIP Compliant (RFC3261)
- Soft Keys
- Speakerphone
- Speed Dial



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0504-0002-0307