

Xcelerator IP™ Technical Specifications

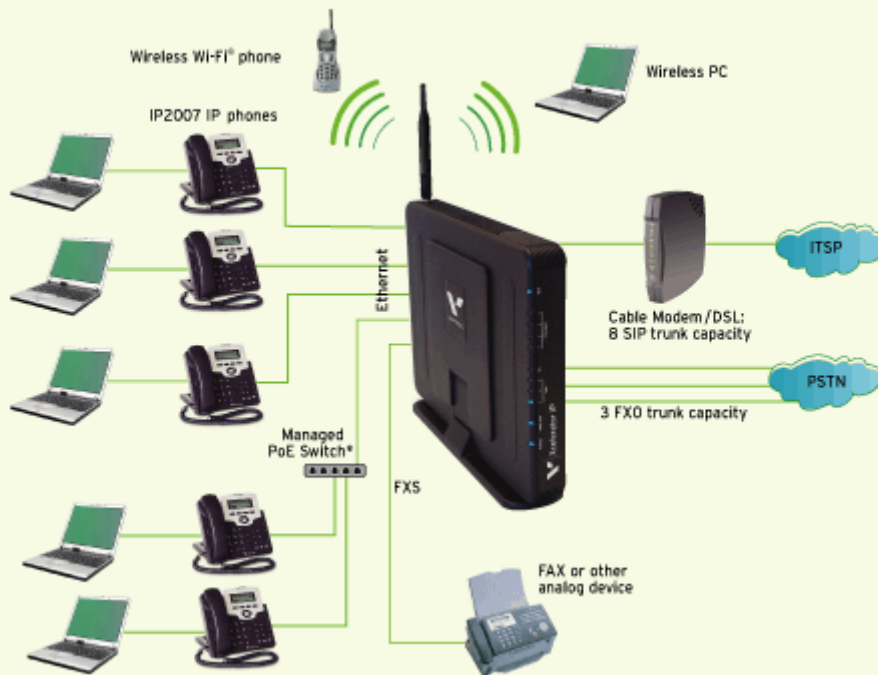
Specification and Feature Summary		
Xcelerator IP Gateway		IP 2007 SIP Telephone
<p>Network Features</p> <ul style="list-style-type: none"> • LAN Interface: 4 Ethernet 10/100BaseT (via RJ45 connectors) • Supports 8 VoIP SIP trunks and 3 FXO Standard Analog trunks via RJ11C (Loop Start) • SIP proxy • VoIP: SIP v2 (RFC3261), G.711, 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 <p>Performance Features</p> <ul style="list-style-type: none"> • 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 endpoint • Call Operator • Call Progress Tone Generation/Detection • Call Routing • Caller ID Name & Number 	<ul style="list-style-type: none"> • 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) <p>Security</p> <ul style="list-style-type: none"> • 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 	<p>Features</p> <ul style="list-style-type: none"> • 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 Savings 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 • PoE 802.3af Option • Redial • Ring Groups • SIP Compliant (RFC3261) • Soft Keys • SpeakerPhone • Speed Dial



IP2007 IP TELEPHONE



TYPICAL SMALL OFFICE SYSTEM



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