



Network Protocol <ul style="list-style-type: none"> • SIP v1 (RFC2543), v2(RFC3261) • IP/TCP/UDP/RTP/RTCP • IP/ICMP/ARP/RARP/SNTP • TFTP Client/DHCP • Client/ PPPoE Client • Telnet/HTTP Server • DNS Client • NAT/DHCP Server 	Tone <ul style="list-style-type: none"> • Ring Tone • Ring Back Tone • Dial Tone • Busy Tone • Programming Tone
Codec <ul style="list-style-type: none"> • G.711: 64k bit/s (PCM) • G.723.1: 6.3k / 5.3k bit/s • G.726: 16k / 24k / 32k / 40k bit/s (ADPCM) • G.729A: 8k bit/s (CS-ACELP) • G.729B: adds VAD & CNG to G.729 	Phone Function <ul style="list-style-type: none"> • Volume Adjustment • Speed dial key • Phone book • Flash
Voice Quality <ul style="list-style-type: none"> • VAD: Voice activity detection • CNG: Comfortable noise generator • LEC: Line echo canceller • Packet Loss Compensation • Adaptive Jitter Buffer 	IP Assignment <ul style="list-style-type: none"> • Static IP • DHCP • PPPoE
Call Function <ul style="list-style-type: none"> • Call Hold • Call Waiting • Call Forward • Caller ID • 3-way conference 	Security <ul style="list-style-type: none"> • HTTP 1.1 basic/digest authentication for Web setup • MD5 for SIP authentication (RFC2069/ RFC 2617)
DTMF Function <ul style="list-style-type: none"> • In-Band DTMF • Out-of Band DTMF • SIP Info 	NAT Traversal <ul style="list-style-type: none"> • STUN
SIP Server <ul style="list-style-type: none"> • Registrar Server • Outbound Proxy 	Configuration <ul style="list-style-type: none"> • Web Browser • Console/Telnet • IVR/Keypad
Firmware Upgrade <ul style="list-style-type: none"> • TFTP • Console • HTTP 	Auto Provisioning <ul style="list-style-type: none"> • HTTP • FTP • TFTP
Interface <ul style="list-style-type: none"> 1 WAN port interface 1 LAN port interface 1 PSTN port interface (FXO) (Optional) 1 VOIP port interface (FXS) 	Modem & Fax modes <ul style="list-style-type: none"> • G.711 fax/modem pass-through with fax/modem detection • T.38 support

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