Physical Features

132x64 graphic LCD with backlit
Ethemet: 2 RJ 45 (1 Internet+1 PC)
Keys: 34 keys including 7 programmable keys
Handset: 1 RJ 9(4P4C)
Headset: 1 RJ 9(4P4C)
Power adapter: 5V/1.2A
Power over Ethernet(PoE): IEEE 802.3af
Power consumption approx: 1.7-2.2W

Management

Auto-provision via FTP/TFTP/HTTP/HTTPS
Auto-provision with PnP
SNMP V1/2 optional, TR069 optional
Configuration: browser/phone/auto-provision
Factory configuration customized
Trace package and system log export

Voice Codecs

HD wideband codec:
G.722, HD Codec, HD speaker, HD handset
Full-duplex speakerphone with AEC
G.711u/a-law, iLBC, G.723.1, G.726, G.729A/B.
DTMF(In-Band, RFC 2833, SIP Info)
VAD, CNG, AEC, PLC, AJ B, AG C

Security

Open VPN, 802.1x, VLAN QoS (802.1pq), LLDP
Transport Layer Security (TLS)
HTTPS (server/client), SRTP (RFC 3711), ZRTP (RFC 6189)
Digest authentication using MD5/MD5-sess
Secure configuration file via AES encryption
Phone lock for personal privacy protection
Admin/VAR/User 3-level configuration mode

Network Protocol

TCP, UDP, ICMP, RARP, ARP, DNS, NTP, SNTP, STUN, UPnP, SNMP
Static/DHCP/PPPoe
HTTP/DHCP/PPPoE client
IPv6, Bridge/router mode for PC port
SIP v1 (RFC 2543), v2 (RFC 3261),
SDP (RFC 2327), RTP (RFC 1889,1890),
RTC P, RTC P-XR, RFC 2833 X-NSE Tone
Events for SIP/RTP, AVT Tone, Events for SIP/RTP
DNS SRV (RFC 3263)
Redundant server support

Certificates

CE FCC RoHS...