

NORTH AMERICAN TELECOM

HD ENTERPRISE
HD IP PHONE
IP410D
"BASIC SET"



HD Voice POE LDAP 5-way conference 4 SIP Accounts

IP PHONE THE FUTURE



Physical Feature

128*96 graphic LCD
Ethernet: 2 RJ45 (1 Internet+1 PC)
Keys: 47 keys including 14 programmable keys
Handset: 1 RJ9(4P4C)
Headset: 1 RJ9(4P4C)
Power adapter: 5V/1.2A
Power over Ethernet(PoE): IEEE 802.3af

VoIP Protocol

SIPv2, SDP(RFC 2327), RTP(RFC 1889,1890), RTCP
RFC 2833 X-NSE Tone Events for SIP/RTP, AVT Tone
Events for SIP/RTP

Voice Codex

HD wideband codec:
G.722, HD Codec, HD speaker, HD handset
Full-duplex speakerphone with AEC
G.711u/a-law, G.723.1, G.726, G.729A/B.
DTMF(In-Band, RFC2833, SIP Info)
Acoustic Echo Cancelation(AEC), Acoustic Gain Control(AGC)
Voice Activity Detection(VAD), Comfort Noise insertion

Security

HTTPS Server/Client
Transport Layer Security (TLS)
SRTP (RFC3711), SIPS
VLAN QoS (802.1pq)

General Features

Operating humidity: 10~95%
Operating temperature: -10~50°C
Qty/CTN: 6 PCS
N.W/CTN: 9.6KG
G.W/CTN: 11KG
Measurement: 0.05CBM
Carton Meas: 595MMx375MMx220 MM

Telephone Interfaces

4 VoIP Accounts
Menu-driven user interface,
Screen Sleep
Call hold, Call waiting, Call forward, Call return,
Redial,Call transfer
Caller ID display, DND, Auto-answer, 5-Way Conference
Mute, Speed dial, SMS, Voicemail, Message Waiting
Indication (MWI) LED, Call history
BLF/BLA
Tone scheme, Volume control
Ring tone selection/Import/Delete
Broad and Deep Interoperability
Soft keys programmable
Phonebook, Black list XML/LDAP phonebook

Network Protocol

TCP, UDP, ICMP, RARP, ARP, DNS, NTP,SNTP, STUN, UPnP,SNMP
Static/DHCP/PPPoE
TFTP/DHCP/PPPoE client
Telnet/HTTP/HTTPS server

Qos

Acoustic Echo Cancelation(AEC), Acoustic Gain Control(AGC)
Voice Activity Detection(VAD), Comfort Noise insertion

Management

Auto-provision via FTP/TFTP/HTTP/HTTPS
Upgrade via Browser/Phone/Auto-provision
TR069

Certificates

CE FCC RoHS...