

**NORTH AMERICAN TELECOM**

**COLOR** ENTERPRISE  
COLOR IP PHONE  
**IP410C**  
"MID RANGE SET"



Color Screen    HD Voice    POE    LDAP    5-way conference

# IP PHONE THE FUTURE



## Physical Feature

3.5" TFT-LCD, 480 x 320 pixel, 262K colors  
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 Codecs

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, XML Idle Screen, Theme,  
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...

