

Andromeda IP Phone P160S Specification

Protocol

- IETF SIP (RFC3261)*

Network Interface

- RJ45 x 2, 10/100BaseT

LCD Display

- 2 x 16 characters

Key Pad

- 25 keys

Call Features

- Call Hold
- Call Mute
- Call Retrieve
- Call Transfer
- Call Waiting
- Call Forward (Busy / No Answer / Unconditional)
- Caller ID Display
- Anonymous Call
- Anonymous Call Blocking
- In band DTMF / Out-of-band DTMF (RFC 2833) / SIP INFO
- Message Waiting Indicator
- 3-way Conference
- Redial

Codec

- G.711 μ -law
- G.711a-law
- G.723.1 (5.3k)
- G.723.1 (6.3k)
- G.729a/b

Phone Functions

- Multi-user (4 SIP accounts)
- Speakerphone communication
- Pre-dial before sending

- Handset / Speakerphone Volume adjustment
- Speed dial (10 records)
- Phone book (200 records)
- Call history (Incoming calls / Outgoing calls / Missed calls)

Security

- HTTP 1.1 basic/digest authentication for Web setup
- MD5 for SIP authentication (RFC 2069/ RFC 2617)

Dial Methods

- Direct IP call without SIP registration
- Dial registered number via SIP server
- Dial URI from phone book / speed dial

Voice Quality

- VAD (Voice Activity Detection)
- CNG (Comfort Noise Generation)
- AEC (Acoustic Echo Cancellation)
- G.168
- Jitter buffer

QoS

- ToS field
- IEEE 802.1q VLAN

Tone

- DTMF
- Ring Tone, 4 selectable tones
- Ring Back Tone (local and remote)
- Dial Tone
- Busy Tone

IP Assignment

- Static IP
- DHCP
- PPPoE

NAT Traversal

- UPnP
- STUN

TCP/IP

- IP/TCP/UDP/DHCP/RTP/RTCP/ICMP/HTTP/NTP/TFTP/DNS

Configuration

- Key & LCD configuration
- Web browser configuration
- Auto/Manual provisioning system

Firmware Upgrade

- TFTP
- Auto/Manual provisioning system

Power

- Input AC 100-120V / 220-240V
- Output DC 5V

Environmental

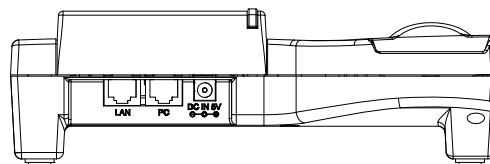
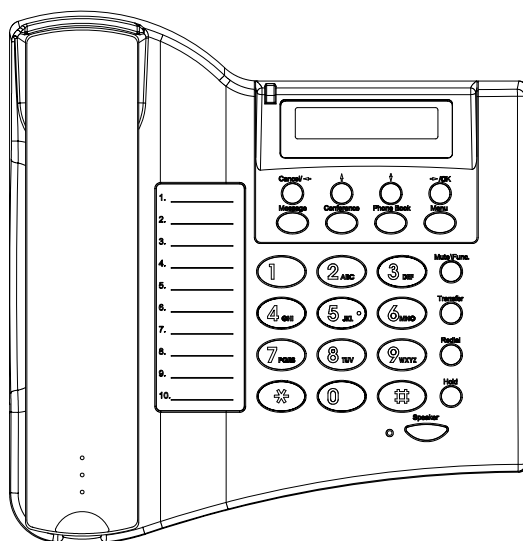
- Operating temperature: 0~40°C
- Storage temperature: -20~60°C
- Operating humidity: 20%~80%

Physical Dimensions

- Size: 210(L) x 208(W) x 72(H) mm
- Weight: 640g
- Color: Black

Certification Compliance

- FCC Part 15 Class B
- CE Class B
- VCCI Class B
- EN60950



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