

ABT Phone Station

ABT-ICD-1

- ✓ 6 SIP lines, 3-way conference, SIP hotspot
- ✓ 3 Line keys on the main display
- ✓ 2.8" main color display
- ✓ HD audio on speakerphone and handset
- ✓ Opus voice: can handle a variety of audio applications.
- ✓ Support EHS wireless headset
- ✓ Dual Gigabit ports, integrated PoE
- ✓ Stand with 2 adjustable angles of 45 and 50 degrees



	Screen	Network	PoE	Power adapter
ABT-ICD-1	2.8" color-screen	10/100/1000 Mbps	✓	Optional

FEATURES

GENERIC

- » 6 SIP Lines
- » HD Voice
- » PoE Enabled
- » 2.8-inch color screen
- » Handset / Hands-free / Headset mode
- » Desktop Stand / Wall-mounted (need an additional wall hanging parts)
- » Optional External Power Supply

PHONE FEATURES

- » Local Phonebook (1000 entries)
- » Remote Phonebook (XML/LDAP, 1000 entries)
- » Call logs (In/Out/Missed, 600 entries)
- » Black/White List Call Filter
- » Screen saver
- » Voice Message Waiting Indication (VMWI)
- » Programmable DSS/Soft keys
- » Network Time Synchronization
- » Support Plantronics wireless headset (Through Plantronics APD-80 EHS Cable)
- » Support Wi-Fi Dongle
- » Support Plantronics wireless headset (Through Plantronics APD-80 EHS Cable)
- » Support Jabra wireless headset (Through EHS20 EHS Cable)
- » Support Recording (Through Server)
- » Action URL / Active URI
- » uaCSTA

CALL FEATURES

- » Call out / Answer / Reject
- » Mute / Unmute (Microphone)
- » Call Hold / Call Resume / Call Change
- » Call Waiting
- » Intercom

- » Caller ID Display
- » Speed Dial
- » Anonymous Call (Hide Caller ID)
- » Call Forward (Always/Busy/No Answer)
- » Call Transfer (Attended/Unattended)
- » Call Parking/Pick-up (Depending on server)
- » Redial
- » Do-Not-Disturb
- » Auto-Answering
- » Voice Message / Music Hold (With server)
- » 3-way Conference
- » Hot Line
- » Hot desking
- » Ring tone selection

AUDIO

- » HD Voice Microphone / Speaker (Handset / Hands-free, 0 ~ 7 kHz Frequency Response)
- » HAC handset
- » Wideband ADC/DAC 16 kHz Sampling
- » Narrowband Codec: G.711a/u, G.726-16K, G.726-24k, G.726-40k, G.726-32K, G.729A/B, iLBC, G.723.1(Optional)
- » Wideband Codec: G.722, Opus
- » Full-duplex hands-free speakerphone with AEC
- » Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction / Automatic Gain Control (AGC)
- » Packet Loss Concealment (PLC)
- » Dynamic Adaptive Jitter Buffer
- » DTMF: In-band, Out-of-Band – DTMF-Relay (RFC2833) / SIP INFO

NETWORKING

- » Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- » IP Mode: IPv4 / IPv6 / IPv4 & IPv6

- » IP Configuration: Static / DHCP / PPPoE
- » Network Access Control: 802.1x
- » VPN: L2TP / OpenVPN
- » VLAN
- » LLDP
- » QoS
- » RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)

PROTOCOLS

- » SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS RTP / RTCP / SRTP
- » RTP/RTCP/SRTP
- » STUN
- » DHCP
- » IPv6
- » LLDP
- » PPPoE
- » 802.1x
- » L2TP
- » OpenVPN
- » SNTP
- » FTP/TFTP
- » HTTP/HTTPS
- » TR-069
- » AES128 & AES256

DEPLOYMENT & MAINTENANCE

- » Auto-Provisioning via FTP/TFTP/ HTTP/HTTPS/DHCP OPT66/SIP
- » PNP/TR-069
- » Web Management Portal
- » Web-based Packet Dump
- » Configuration Export / Import
- » Phonebook Import/Export
- » Firmware Upgrade
- » Syslog
- » AES encryption for configuration file

	Physical specification
Main LCD × 1	2.8-inch (320x240) Color Screen
Keypad	37 keys, including: 3 Line keys (With LED Indicator Light) 4 Soft-keys 9 Function keys (Hold/Transfer/Conference/Phonebook /CallLog/MWI/Headset/Status/Redial) 4 Navigation keys 1 OK key 12 Standard Phone Digits keys 3 Volume Control keys (Up/Down/Mute (Microphone)) 1 Hands-free key
HD Handset (RJ9)	× 1
Standard RJ9 Handset Wire	× 1
1.5M CAT5 Ethernet Cable	× 1
Back Rack	× 1
Status Indicator Light	× 1 (Red)
RJ9 Port × 2	Handset × 1, Headset × 1
RJ45 Port × 2	Network × 1, PC × 1 (Bridged to Network)
Safety Keyhole	× 1
External AC adapter (optional)	AC 100~240V input and DC Power Input: 5V/0.6A
Power Consumption (Adapter)	Idle 0.9~1.65W, Peak 1.8~2.95W
Working Temperature	0–45°C
Working Humidity	10–95%
Installation	Desktop Stand Wall-mounted (need an additional wall hanging parts)
Color	Black
Device Dimensions	Desktop Stand (Angles 1): 169 × 186.3 × 174.5 mm Desktop Stand (Angles 2): 169 × 177.6 × 183.7 mm Wall-mounted: 169 × 115.6 × 212.5 mm
Gift Box Dimensions	274 × 215 × 68 mm
Outer CTN Dimensions	450 × 360 × 294 mm (10 PCS)

COMPATIBILITY



VES SIP GATEWAY

ISE COMMUNICATION MODULE

