

ABT Paging Phone Station

ABT-ICDG-1

- ✓ 20 SIP lines, 3-way conference, hotspot
- ✓ HD audio on speakerphone and handset
- ✓ Movable type Directional External Gooseneck Microphone
- ✓ 4.3" main color display, 2 x 3.5" side color displays for DSS keys
- ✓ Built-in Bluetooth
- ✓ Wi-Fi connectivity (Via Wi-Fi dongle)
- ✓ Up to 106 DSS keys (42 tri-colored physical keys)
- ✓ Video Codec H.264 support for receiving video calls
- ✓ Dual Gigabit ports, integrated PoE
- ✓ Stand with 2 adjustable angles of 40 and 50 degrees
- ✓ Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.



MODEL	Screen	Network	PoE	Power adapter
ABT-ICDG-1	4.3" color-screen	10/100/1000 Mbps	✓	—

ABT-ICDG-1 is a phone paging station with visualization for business clients. It is equipped with a gooseneck microphone for easy voice messaging and high-quality hands-free connections. Programmable

buttons allow to perform various actions with one click, from voice call, broadcasting to door opening and many more. Communication is based on the SIP protocol and can serve as a monitoring center

or host for an office manager. ABT-ICDG-1 also gives the possibility of quick response in crisis situations.

ABT-ICDG-1 FEATURES

GENERIC

- » 20 SIP Lines
- » HD Voice
- » Support receiving Video call
- » POE Enabled
- » 3 LCDs (Main + DSS)
- » Handset / Hands-free / Headset mode
- » Intelligent DSS Keys
- » Optional External Power Supply

PHONE FEATURES

- » Local Phonebook (2000 entries)
- » Remote Phonebook (XML/LDAP, 2000 entries)
- » Call logs (In/out/missed, 1000 entries)
- » Black/White List Call Filtering
- » Screen saver
- » Voice Message Waiting Indication (VMWI)
- » Programmable DSS/Soft keys
- » Network Time Synchronization
- » Built-in Bluetooth 2.1: Support Bluetooth headset
- » 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 Flash Drive or Server Recording)
- » Action URL / Active URI
- » uaCSTA

CALL FEATURES

- » Narrowband speech codec: G.711a / u, G.723.1, G.726-32K, G.729AB
- » Broadband speech codec: G.722
- » Full Duplex Echo Cancellation (AEC)

VIDEO

- » Video codec: H.264
- » Video call resolution: QCIF / CIF / VGA

AUDIO

- » HD Voice Microphone / Speaker (Handset/Hands-free, 0 ~ 7KHz Frequency Response)
- » HAC handset
- » Wideband ADC/DAC 16KHz Sampling
- » Narrowband Codec: G.711a/u, G.723.1, G.726-32K, G.729AB, AMR, iLBC
- » Wideband Codec: G.722, AMR-WB, Opus
- » Full-duplex Acoustic Echo Canceller (AEC)
- » Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR)
- » Packet Loss Concealment (PLC)
- » Dynamic Adaptive Jitter Buffer up to 300ms
- » 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
- » RTPC-XR (RFC3611), VQ-RTCPXR (RFC6035)

PROTOCOLS

- » SIP2.0 over UDP / TCP / TLS
- » RTP / RTCP / SRTP
- » STUN
- » DHCP
- » IPv6
- » LLDP
- » PPPoE
- » 802.1x
- » L2TP
- » OpenVPN
- » SNMP
- » FTP / TFTP
- » HTTP / HTTPS
- » TR-069

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

PHYSICAL SPECIFICATION	
Main LCD × 1	4.3" (480x272) color-screen LCD
DSS Key-mapping LCD × 2	3.5" (320x480) color-screen LCD
Keypad	77 keys, including: <ul style="list-style-type: none"> » 4 Soft-keys » 6 Function keys (Hold, Call forward, Phonebook, MWI, Headset, Redial) » 4 Navigation keys » 1 OK key » 1 Return key » 12 Standard Phone Digits keys » 3 Volume Control keys, Up/Down/Mute(Microphone) » 1 Hands-free key » 42 DSS Keys with tri-color LED » 3 Page-Switch (PS) key
HD Handset (RJ9)	× 1
Standard RJ9 Handset Wire	× 1
1.5M CAT5 Ethernet Cable	× 1
Gooseneck Microphone	× 1 <ul style="list-style-type: none"> » Directional microphone » Frequency response: 20Hz~20KHz » SNR: ≥60 dB.1kHz at 1 Pa
Back Rack	× 1
Gooseneck MIC Port × 1	Gooseneck Microphone × 1
RJ9 Port × 2	Handset × 1, Headset × 1
RJ45 Port × 2	Network × 1, PC × 1 (Bridged to Network)
USB2.0 Port × 1	Standard A, Connect with Wi-Fi USB dongle or Flash Driver
DC Power Input	5V / 2A
Power Consumption (PoE)	2.6–9W
Power Consumption (Adapter)	2.4–8W
Working Temperature	0–45°C
Working Humidity	10–95%
Installation	Desktop Stand
Color	Dark gray
Device Dimensions	Desktop Stand (Angles 1): 309 × 214 × 187 mm Desktop Stand (Angles 2): 309 × 226 × 167 mm
Gift Box Dimensions	323 × 301 × 71 mm
Outer CTN Dimensions	624 × 383 × 348 mm (10 PCS)

COMPATIBILITY LIST

VES SIP GATEWAY

VES SIS (SIP Integration Server)

