ALE | Where Everything Connects

Alcatel-Lucent 8008/8008G DeskPhone

Today's business leaders need communication technologies that empower employees to deliver outstanding service that leads to company growth.



Built on the popular and practical Premium DeskPhone line, the new eco friendly Alcatel-Lucent 8008/8008G DeskPhone offers feature rich IP telephony in an efficient format. This entry-level phone delivers a modern business grade design, with advanced, user-friendly telephony features provided by Alcatel-Lucent Enterprise communications servers.
Its three-line screen – combined with application, programmable, and navigation keys – provides outstanding user-friendly communications with fast access to the business directory for enhanced employee efficiency. The 8008/8008G DeskPhone complements the Premium DeskPhone product line by targeting the need for essential and enriched communications.

Features

- Business grade design
- IP telephony
- Wideband device
- Advanced telephony features
- 6 Softkeys
- 4-way navigator
- Programmable keys
- Lighted keys and notifications (Incoming call, message, audio control, programmable keys)
- 128 x 64 B&W graphical display
- 8008G: 2-port Gigabit Ethernet Switch
- Supports 802.3az
- Power over Ethernet class 1 for low power consumption

Benefits

- Modern design enriches the product line
- Perfect for required, and supplemental IP telephony needs
- A good-value deskphone with a complete PBX feature set
- Modern intuitive design offering premium quality in a compact format
- Eco friendly with low power consumption

Alcatel·Lucent Enterprise

Technical specifications

Physical characteristics

- Height: 195 mm (7.68 in)
- Width: 150 mm (5.91 in)
- Depth: 34.8 mm (1.37 in)
- Weight: 550 g (1.21 lbs) including handset and foot
- Color: Moon grey
- Fixed foot stand: 45°
- Wall-mountable

Display

- Visible area: 2.2 inches, 128 (W) x 64 (H) pixels, graphical black/white LCD display
- Active area (WxH): 49.9 x 24.3 mm (1.96 x 0.96 in.)
- Backlight: supported for 8008G
- Contrast +/-

Keys

- Volume control keys (+ and -)
- Hands-free on/off key
- Navigator: 4-way navigation
- OK, cancel keys
- Numeric to alpha keypad: To switch to alpha character and perform dial-by-name, for example
- F1, F2 (or hold/transfer) with LED
- Mute and Message keys
- Dial pad and call/redial/release key
- 6 Contextual keys around the screen

Audio characteristics

- Wideband G722
- G711 (A-law and Mu-law), G.729AB
- VAD (Voice activity detection), Comfort noise generation (CNG)
- Group listening
- Acoustic echo cancellation
- Volume controls
- Mute control
- Hearing aid compatible (HAC)
- Wideband comfort handset

Power

- Power over Ethernet (IEEE 802.3af)
- Class 1 support (<3.84W)
- Power supply: Optional accessory

Network and provisioning

- IP NOE and SIP v2 (RFC3261)
- DHCP and static IP manual or dynamic host configuration protocol (DHCP) network setup
- IEEE 802.1 AB/LLDP-MED client (automatic VLAN acquisition, PoE management, inventory information)
- QoS support (IEEE 802.1p/Q tagging [VLAN], Layer-3 TOS, DSCP, and QoS tickets)

Connectivity

- RJ -45 LAN:
  - ¬ 8008: 10/100 Ethernet
  - ¬ 8008G: 10/100/1000 Ethernet
- RJ -45 PC through port:
  - ¬ 8008: 10/100 Ethernet
  - ¬ 8008G: 10/100/1000 Ethernet
- RJ-9 connector for corded handset
- RJ-9 connector for headset

Security

- Supports IPsec VPN
- Authentication: Basic or digest, 802.1x
- Denial of service (DoS) attack protection: Flooding
- ARP spoofing protection
- Transport: TLS 1.2/1.0 and SRTP
- Shipped with (X509v3) certificate installed. Certificates for 802.1x EAP-TLS (either ALE or customer certificates)

Languages

- Multi-language support (menu): Arabic, Chinese (simplified), Chinese (traditional), Czech, Danish, Dutch, English (American), English (British), Estonian, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Latvian, Lithuanian, Norvegian, Polish, Portuguese, Russian, Slovak, Slovenian, Spanish, Swedish, Taiwanese, Turkish

Regulatory Standards

Safety

- EN 60950-1, IEC 60950-1, ANSI/UL 60950-1, CAN/CSA-C22.2 NO. 60950-1-07

EMC

- EN 55032 Class B, CISPR 32 Class B
- FCC 47 CFR Part 15 B Class B
- ICES-003 Class B
- EN 55024
- EN 61000-3-2, EN 61000-3-3

Telecom

- TIA/EIA 810-B, TIA 920-A, AS/CA S004

Eco-design

- ErP 2009/125/EC, ROHS2011/65/EU, WEEE 2012/19/EU
- REACH EC 1907/2006

Hearing aid compatibility

- FCC 47 CFR Part 68, Industry Canada CS-03, Australia AS/ACIF S040

Environmental conditions

- Operating temperature: -5°C to +45°C
- Relative humidity: 5% to 95%
- Storage temperature: -25°C/+70°C

Serviceability

- Syslog mode
- Port mirroring

Product ships with

- DeskPhone with handset and foot
- Safety sheet

Accessories

- 3MG08011AA External power adapter
- 3MG08012AA Wideband handset
- 3MG08013AA Wall mounting kit
- 3MG08014AA Plastic foot (x10)

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Alcatel·Lucent Enterprise

Alcatel-Lucent Cloud Edition DeskPhones

Enjoy enterprise grade business communications from the cloud

The Cloud Edition DeskPhone offers an enterprise grade communication experience using your favorite cloud communication service.



Enjoy a wideband, enhanced HD audio quality experience that your business requires for impactful conversations when you are on your own or when using the hands-free mode in a meeting room with a few colleagues. With Bluetooth headsets, high audio quality meets intuitive mobility.

Benefit from a premium experience and handle your most important calls with extra confidence: The large screens have ambient light sensors and are easy to read in all situations. They offer contextual menus for intuitive navigation and access to your corporate directory for an instant connection.

You will make a great impression when welcoming guests and customers into your offices: Cloud Edition DeskPhones offer a stylish, elegant and contemporary design that your business deserves.

Cloud Edition DeskPhones connect to the Alcatel-Lucent Enterprise cloud and are certified with third-party cloud services: They offer secure communications and cost-effective centralized management.

Alcatel·Lucent
Enterprise

Features	Benefits
Wideband audio handset and speakerphone	Impactful business conversations
Bluetooth connectivity for headsets	High quality conversations when using a cordless headset
Large screens with ambient light sensors; Contextual menus and intuitive directory access	Premium experience when handling important calls: Transfer to the right experts or create a conference call to get things done
Stylish design and customization of screens	Phones become your brand advocates
Certification with third-party cloud services	Enjoy Alcatel-Lucent Enterprise phones within your cloud service offer of choice

	 **8008 CE/8008G CE**	 **8018 CE**	 **8058s CE**	 **8068s CE**	 **8078s CE**
Key highlights	Compact, 2x3 prog. keys/backlit screen[2]	Compact, 10 prog. keys, USB	2x5 keys, 3.5" color screen	Bluetooth	5" touchscreen
Touchscreen					■
Bluetooth (handset option)				■	■
Large color screen			■ 3.5"	■ 3.5"	■ 5"
Mag. alphabetic keyboard option			■	■	■
USB port/ 3.5 mm jack	-/-	■/-	■/■	■/■	■/■
Adjustable foot stand (20-60°)			■	■	■
ALE features: contextual keys	2x3	2x3	2x5	2x5	Touch
Speed-dial keys	-	4	+ 10[1], 14 smart, 40 key add-on modules	+ 10[1], 14 smart, 40 key add-on modules	Touch + 10[1], 14 smart, 40 key add-on modules
Wideband/ eHD audio	■/-	■/-	■/■	■/■	■/■
VPN client	■	■	■	■	■
PC port	FE/GE[2]	GE	GE	GE	GE

CloudEdition

Certified with: sip:wise, metaswitch, broadsoft, epygi, 中国电信 CHINA TELECOM, Yeastar

[1]Except 8078s Cloud Edition
[2]Except 8008 Cloud Edition

Technical specifications

DeskPhone name	8008/8008G Cloud Edition	8018 Cloud Edition	8058s Cloud Edition	8068s Cloud Edition	8078s Cloud Edition
Layout	Vertical	Vertical	Horizontal	Horizontal	Horizontal
Ethernet switch	FE/GE[1]	GE	GE	GE	GE
Energy efficiency Ethernet	Y	Y	Y	Y	Y
USB		1 (A)	2 (A, C)	2 (A, C)	2 (A, C)
Contextual keys	2x3	2x3	2x5	2x5	2x5 (Touch)
Programmable keys + LED (F1, F2)	Y	Y	Y	Y	Y
Programmable keys + LED and paper label	N	4			
4-direction navigator, “C” and “OK” keys	Y	Y	Y	Y	N
Adjustable foot stand ranging from 25° to 60°	N	N	Y	Y	Y
Alphabetic keyboard (optional accessory)	N	N	Y	Y	Y
Expansion module	N	N	Y	Y	Y
Metallic grid	N	N	Y	Y	Y
Bluetooth	N	N	N	Y	Y
Display	2.2 inches 128 x 64 Monochrome Graphic LCD	2.4 inches 128 x 64 Monochrome Graphic LCD with backlight	3.5 inches 240 x320 Color	3.5 inches 240 x320 Color	5 inches 800 x 480 Color Touchscreen
Backlight	N/Y[1]	Y	Y	Y	Y
Standard 3.5 mm jack (4 poles)	N	N	Y	Y	Y
RJ9 headset port	Y	N	N	N	N
External ringer	N	USB	SATA/USB	SATA/USB	SATA/USB
EHS (Electronic HOOK switch)	N	USB	Jack/USB	Jack/USB	Jack/USB
Wideband Bluetooth handset (optional accessory)	N	N	N	Y	Y

[1] For 8008G

Audio characteristics

- Wideband handset
- Hearing aid compatible (HAC)
- Acoustic echo cancellation
- Wideband G.722
- G.711 (A-law and µ-law)
- G.729 AB, voice activity detection (VAD), comfort noise generation (CNG), discontinued transmission (DTX) included for all codec

Keypad

- Navigator: 4-way navigation + OK + cancel
- Function keys:
  - ¬ On/off hook, dial pad, mute with LED, volume keys, hands-free with LED,2-line keys/LED, redial, info and message with LED
- Programmable keys:
  - ¬ 10 virtual programable keys for Busy Lamp Field (BLF) (server support) or speed dial
- Supports add-on module (8058s - 8068s - 8078s)
- Numeric to alpha keypad: To switch to alpha character and perform

Business communications

- Multi-line
- Transfer
- Forward
- Hold
- 3 party local conference
- Do not disturb
- Local contact
- Busy Lamp Field (BLF)
- 3 party call control (3PCC)
- Set lock
- Speed dial
- Auto answer
- Dial by name
- LDAP client
- Voice mail, MWI
- Anonymous call
- Distinctive internal/external ringing

Protocols and supported cloud services

- SIP V2: RFC 3550, 2833, 3261, 3263, 3264, 3265, 3515, 3892, 3960, 4566, 5359, 6086
- Broadsoft Broadworks, Sipwise, Asterisk
- uaCSTA interface (ECMA TR/87)

Network and provisioning

- DHCP and static IP Manual
- QoS support IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, DSCP
- VoIP QoS tickets (RTCP-XR)
- LLDP-MED
- IEEE 802.1 AB/LLDP-MED client (IPv4/IPv6, automatic VLAN acquisition, PoE management, inventory information)
- Energy Efficient Ethernet 802.3az support
- Simple Certificate Enrollment Protocol (SCEP)
- Configuration methods: browser, local, auto-provision
- Auto provision via HTTP/HTTPs for mass deployment

Security

- Authentication: Basic (RFC2617) or digest (RFC7616), 802.1x
- 802.1x Message Digest 5 (MD5)/ TLS: For authentication, customer certificate management with centralized deployment (RFC1321)
- Denial of service (DoS) attack protection: Flooding
- ARP spoofing protection
- Transport: TLS 1.2/1.0 (RFC5246) and SRTP (RFC3711)
- Encryption and authentication of the signaling traffic
- Encryption of media traffic
- Shipped with (X509v3) certificate installed
- Certificates for 802.1x EAP-TLS: either Alcatel-Lucent or customer certificates
- IPSec VPN support

Serviceability

- Syslog mode
- Port mirroring

Packaging

- DeskPhone
- Wideband handset (8008 & 8008G)
- Wideband Comfort Handset (8018, 8058s, 8068s, 8078s)
- Safety sheet

Languages

- Multi-language support (menu): Arabic, Catalan, Chinese (simplified), Chinese (traditional), Croatian, Czech, Danish, Dutch, English, English Australia, English US/Canada, Estonian, Finnish, Flemish, French, French Canadian, French Swiss, German, German Austria, German Swiss, Greek, Hebrew, Hungarian, Italian Swiss, Japanese, Korean, Latvian, Lithuanian, Norwegian, Polish, Portuguese, Portuguese Brazil, Romanian, Russian, Serbian, Slovak, Slovenian, Spanish, Swedish, Taiwanese, Thai, Turkish, Valencian.

Regulatory Standards

Safety

- EN 60950-1 +A11 +A1 +A12 +A2
- IEC 60950-1 Second Edition +Am1 +Am2, ANSI/UL 60950-1 (Second Edition)
- CAN/CSA-C22.2 NO. 60950-1-07 +Am1 +Am2

Radio frequencies

- EN 300 328
- FCC 47 CFR Part 15 C
- RSS-247
- AS/NZS 4268
- Bluetooth qualification: 8068s, 8078s

EMC

- EN 55022 Class B
- EN 55032 Class B
- 47 CFR Part 15 B Class B
- ICES-003 Class B
- EN 55024
- EN 61000-6-1 (Immunity for residential and commercial environments)
- EN 61000-6-2 (Immunity for industrial environments)
- EN 61000-6-3 (Emission for residential and commercial environments)
- EN 61000-6-4 (Emission for industrial environments)
- IEC 60945 (Maritime)
- IEC 62236-4 (Railway)
- EN 301 489-1
- EN 301 489-17
- EN 61000-3-2
- EN 61000-3-3

EMC (8008/8008G/8018)

- EN 55032 Class B, CISPR 32 Class B
- 47 CFR Part 15 B Class B
- ICES-003 Class B
- EN 55024
- EN 61000-3-2, EN 61000-3-3

Telecom

- TIA/EIA 810-B, TIA 920.130-A-1
- AS/CA S004 Audio hearing aid
- FCC47 CFR Part 68, Industry Canada CS-03 Part V, Australia AS/ACIF S040 Eco-design
- 2009/125/EC, ROHS 2011/65/EU, WEEE 2012/19/EU

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