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.

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 screen²	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 (20-60⁰)			■	■	■
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/GE²	GE	GE	GE	GE

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

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

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	2.25 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 840 x 400 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

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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