

# Alcatel-Lucent Enterprise H6 DeskPhone

## Enhanced user experience with large color display

The Alcatel-Lucent Enterprise H6 is a high-performance, entry-level wired deskphone. A 2.8-inch color display is applied to bring a pleasant visual experience to customers.

In addition to its stylish and professional design, the H6 DeskPhone represents another step in Alcatel-Lucent Enterprise's push for enhanced audio quality. It is equipped with a suite of full-duplex and high-def broadband audio components that deliver a vivid and crisp audio experience.

The H6 DeskPhone can fit up to 4 lines of text, and support up to 1000 contacts and call logs. The phone also comes with a multi-angle adjustable stand designed to meet user needs across various scenarios.

The H6 DeskPhone is highly compatible with mainstream SIP platforms such as Broadsoft and Metaswitch.

The phone supports the use of an external power supply and Power over Ethernet (PoE).

The phone is compatible with ALE Easy Deployment Server (EDS) and Easy Provisioning Server (EPS), providing easy large-scale configuration and deployment.



Features	Benefits
Cost-effective and large display	The large 2.8-inch color screen features an optimized human-machine interface to deliver more comfortable user experiences at excellent price performance.
Superior performance	Equipped with a high-performance processor that powers up in seconds and provides 5-way conferencing for a more efficient work experience.
HD audio quality	Optimized components, tuned parameters, multiple codecs, and superior wideband audio quality ensures crisp and comfortable calls in handset, handsfree, and headset modes.
Energy efficient and environmentally friendly	Features a streamlined and optimized power supply design with support for PoE power saving, greatly reducing O&M costs.
Effortless deployment	Compatible with ALE's mature Easy Deployment Server (EDS) and Easy Provisioning Server (EPS), saving on manpower costs with easy large-scale configuration and deployment.

## Technical Specifications

### Physical Characteristics

- Dimensions (L x W x H): 214 mm x 191 mm x 47 mm
- Weight: 795 g (with handset and stand)
- Color: Gray
- 2.8-inch, 320x240 color display
- Adjustable stand: 45° & 50°
- Wall mountable (optional accessory)

### Keys

- 4 LED line keys
- 4 menu keys (corresponding to display)
- Volume keys (+ and -)
- 4-way navigation, along with return and confirm keys
- 9 function keys: handsfree, mute, info, headset, hold, transfer, conference, redial, and hang up
- Standard dial pad

### Telephony Features

- 4 SIP accounts
- Incoming/outgoing/rejected
- Call forwarding
- Call waiting
- Call hold/resume
- Redial
- Speed dial
- Mute/unmute
- Do not disturb (DND)
- Auto answer
- Voicemail
- Local 5-party conference
- Call Log (1000 entries)
- Contacts (1000 entries)

### Audio Characteristics

- Full-duplex handsfree
- Codec: Opus (NB and WB), G.722, ILBC, G711 (a-law and u-law), G.729AB
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- Acoustic Echo Cancellation (AEC)
- DTMF: In-Band, RFC 2833/4733, SIP info
- Hearing Aid Compatible (HAC)

### Power

- Power over Ethernet (IEEE 802.3af), Class 2
- Power adapter: 5V/2A DC output (optional)

### Connectivity

- RJ-45 LAN: 10/100/1000M Ethernet
- RJ-45 PC through 10/100/1000M Ethernet switch
- RJ-9 handset connector
- USB Type-A connector

### Network, Security, and Other Protocols

- SIP V2: RFC 2474, 2833, 3261, 3263, 3264, 3265, 3325, 3550, 4566, 4568, 5359, 6086, etc.
- Static IP and DHCP
- IPv4
- IEEE 802.1AB/LLDP-MED
- QoS: 802.1p/Q tagging (VLAN), Layer 3 TOS, DSCP
- TFTP/HTTP/HTTPS/TR069
- OPENVPN, 802.1x
- Authentication: basic or digest
- Denial-of-service (DoS) attack prevention
- TLS 1.2/1.0 and SRTP support
- Ships with X509v3 certificate, with support for client certificate installation

### Configuration

- Web-based management, phone configuration, and automated configuration
- ALE Easy Provisioning Server (EPS)
- ALE Easy Deployment Server (EDS)

### Languages

- Multi-language menu support: Simplified Chinese, Traditional Chinese, English, French, German, Italian, Korean, Portuguese, and Spanish

### Regulatory Standards

#### Security

- IEC 62368-1:2014, ANSI/UL 62368-1-2014, CAN/CSA-C22.2 NO. 62368-1-14

### EMC

- EN 55032, CISPR 32
- EN 55024, CISPR 24
- EN 61000-3-2, EN 61000-3-3
- 47 CFR Part 15 B Subpart B
- ICES-003 Issue 6

### Telecommunications Standards

- TIA/EIA 810-B, TIA 920.130-A-1, AS/CA S004

### Eco Design

- ErP 2009/125/EC, WEEE 2012/19/EU
- ROHS 2011/65/EU, China RoHS 2.0: GBT 26572-2011
- REACH (EC1907/2006)
- Proposition 65
- Packaging: EU 94/62/EC

### Hearing Aid Compatibility

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

### Environmental Conditions

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

### Accessories

- External power supply
- Wall mounting kit
- Alcatel Lucent Enterprise AH 11GA/12 GA RJ9 headset
- Alcatel Lucent Enterprise AH 11U/12U/21U/22U/22M USB headset

### Packaging

- H6 DeskPhone
- Wired HD wideband handset and cable
- Phone stand
- 1.5 m network cable (cat5e)
- Quick Start Guide