

# Alcatel-Lucent Enterprise H6 DeskPhone

## Enhanced user experience with large colour display

The H6 DeskPhone is a high-performance, entry-level wired deskphone. A 2.8-inch colour 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 Device Management (EDM), providing easy large-scale configuration and deployment.



Features	Benefits
Cost-effective and large display	The large 2.8-inch colour 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 runs smoothly, 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 Operational & Maintenance (O&M) costs
Effortless deployment	Compatible with ALE's mature Easy Deployment Server (EDS) and Easy Device Management (EDM), saving on manpower costs with easy large-scale configuration and deployment

### Datasheet

Alcatel-Lucent Enterprise H6 DeskPhone

## Technical Specifications

### Physical Characteristics

- Height: 214mm (8.4 inches)
- Width: 191mm (7.5 inches)
- Depth: 47mm (1.8 inches)
- Weight: 795g (1.54 lbs) (with handset and stand)
- Colour: Gray
- Adjustable stand: 45° & 50°
- Wall mountable (optional accessory)

### Display

- 2.8-inch, 320x240 colour display

### Keys

- 3 LED line keys + 1 page turn key
- 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
- Call forward, call waiting, call transfer, call hold/resume, redial
- Mute/unmute, voicemail, DND, auto answer
- Local 6-party conference
- Call Log (1000 entries)
- Contacts (1000 entries)

### Audio Characteristics

- Full-duplex handsfree
- G.722, Opus (NB and WB), iLBC
- G.711 (A-law and Mu-law), G.729AB, G.726
- Voice Activity Detection (VAD), Comfort Noise Generation (CNG), Acoustic Echo Cancellation (AEC), Noise Suppression
- DTMF: In-Band, RFC2833, SIP INFO
- Hearing Aid Compatible (HAC)

### Power

- Power over Ethernet (IEEE 802.3af), Class 2
- Power consumption idle/active: 1.1W/4.6W
- 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
- RJ-9 headset connector
- USB Type A connector

### Network, Security and others protocols

- SIP V2: RFC 2474, 2833, 3261, 3263, 3264, 3265, 3550, 4566, 5359, 6086
- Static IP and DHCP
- IPv4/IPv6
- IEEE 802.1AB/LLDP-MED
- IEEE 802.3az
- 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 protection:
- Flooding
- Transport: TLS 1.2/1.0 and SRTP
- Shipped with (X509v3) certificate installed

### Configuration

- Web-based management, phone configuration, and automated configuration
- ALE Easy Deployment Server (EDS)
- ALE Easy Device Management (EDM)

### Languages

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

### Regulatory Standards

#### Safety

- 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
- FCC 47 CFR Part 15 B Subpart B
- ICES-003 Issue 6
- Telecom
- 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: GBT 26572-2011
- REACH: European regulation: N° 1907/2006
- Proposition 65
- Packaging: EU Directive 94/62/EC

### 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/transportation temperature: -25°C/+70°C
- IP Class: IP52

### Ordering Information

- 3MK27012AA H6 DeskPhone

### Accessories

- 3MK08006EU external power adapter (EU)
- 3MK08006UK external power adapter (UK)
- 3MK08006US external power adapter (US)
- MK08006AU external power adapter (AU)
- 3MK08006IN external power adapter (IN)
- MK08004AA wall mounting kit

### Packaging

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