Alcatel-Lucent Enterprise M8 DeskPhone

Stylish Design, Superior Performance

The M8 DeskPhone from Alcatel-Lucent Enterprise is a new generation of high-end business deskphones designed for executives and professionals. Rich SIP functions, combined with premium sound quality and high performance deliver a superior user experience.

The M8 DeskPhone uses a 5-inch color IPS LCD and an adjustable stand which can meet your needs at different angles and positions.

The stylish and elegant design of the phone with touch-sensitive function keys and fabric mesh makes it perfect for use in your office or at home.

Super-wideband technology improves the audio quality of the deskhone and makes communication as immersive as possible.

Built-in Bluetooth 5.0 module, dual-frequency 2.4G/5G Wi-Fi module and integrated USB-A and USB-C interfaces provide not only enhanced expandability for the deskphone but also easy connectivity with mobile phones, headsets and other devices which significantly improves your efficiency.

The M8 DeskPhone supports 20 SIP accounts and up to 12-party local conferencing.

The standard SIP protocol provides rich telephony features supported by mainstream open SIP servers in the market.

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
Large display	A large 5-inch IPS color screen with brighter colors, wider viewing angles and finer picture quality An optimized human-machine interface delivering a comfortable user experience
Superior performance	Equipped with a high-performance processor that powers up in seconds Supporting 20 SIP accounts and provides 12-party conferencing for a more efficient work experience.
Super-wideband audio quality	Optimized components, tuned parameters, multiple codecs, super-wideband audio technology, and 360-degree omnidirectional sound pickup making communication and collaboration a lot easier
Wireless connection	Built-in Bluetooth 5.0 allowing easy connectivity to Bluetooth headsets, mobile phones and other devices Built-in dual-band Wi-Fi (2.4G/5G) offering faster speed and improved anti-jamming capability.
Effortless deployment	Compatible with ALE's Easy Deployment Server (EDS) and Easy Device Management (EDM) Saving on manpower with easy large-scale configuration and deployment.

Technical Specifications

Physical Characteristics

- Dimension (L x W x H):
  214 mm x 211 mm x 53 mm
- Weight: 1100 g
  (with handset and stand)
- Color: black
- 5-inch, 800x480 color display
- Adjustable stand: 40° & 55°
- Wall mountable (with an optional accessory)

Keys

- 9 programmable line keys with LED
- 1 page turn key (for switching between 4 pages)
- 5 soft keys
- 4-way navigation keys and OK key
- Cancel key
- Volume control knob
- 8 function keys: handsfree, mute, info, headset, hold, transfer, redial, and hang up
- Standard dial pad

Telephony Features

- 20 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 12-party conference
- Call Log (1000 entries)
- Contacts (1000 entries)

Audio Characteristics

- Full-duplex handsfree
- Codec: Opus (NB /WB/SWB), 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 3
- 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
- USB Type-C 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/IPv6
- 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 Deployment Server (EDS)
- ALE Easy Device Management(EDM)

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

- 3MK27006AA EM20 Expansion Module
- 3MK27007AA EM200 Expansion Module
- 3MK27008AA Wall Mounting Kit
- 3MK37006EU External Power Adapter (EU)
- 3MK37006AU External Power Adapter (AU)
- 3MK37006UK External Power Adapter (UK)
- 3MK37006US External Power Adapter (US)
- Catalog for compatible headsets

Packaging

- M8 DeskPhone
- Wired HD wideband handset and cable
- Phone stand
- 1.5 m network cable (cat5e)
- Quick User Guide

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