The M7 DeskPhone from Alcatel-Lucent Enterprise offers a rich SIP communications experience with intuitive navigation and conversation comfort.

This elegant DeskPhone provides super wideband audio in hands-free mode with echo cancelling and double talk performance. The large 3.5” colour screen, makes it quick and easy to connect.

The user experience is enhanced with a 4-way navigation key, 8 line keys, 4 soft keys and a user-friendly interface.

The M7 DeskPhone includes USB A/C ports making it more than a phone. It is possible to connect to a PC as an external loud speaker to take advantage of the super wide band speaker phone or plug external devices such as Expansion Module (EM20 or EM200), headset, conference module etc. The M7 DeskPhone supports a Wi-Fi dongle.

The M7 DeskPhone includes an adjustable foot stand and comes with customizable faceplates to promote brand awareness.

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

The M7 DeskPhone can operate in Power over Ethernet (PoE) mode (Class 2) and with a Wi-Fi dongle.

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

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
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</thead>
<tbody>
<tr>
<td>Bluetooth 4.1 connectivity</td>
<td>Connect a headset for wireless connectivity up to 10 meters From your desk</td>
</tr>
<tr>
<td>Super wideband audio quality</td>
<td>Super wideband audio for speaker phone and wideband audio for the handset</td>
</tr>
<tr>
<td>Large 3.5” colour screen and 4-way navigation button</td>
<td>Easily navigate and connect with colleagues or customers</td>
</tr>
<tr>
<td>Elegant phone with adjustable foot stand</td>
<td>Perfect for small desks, hotel rooms and hospital bedsides</td>
</tr>
<tr>
<td>Customized faceplate</td>
<td>Display your organization's logo and create brand awareness</td>
</tr>
<tr>
<td>Rich telephony features with standard SIP protocol</td>
<td>Benefit from business features such as call management and conference, provided by your preferred cloud PBX provider</td>
</tr>
<tr>
<td>Effortless deployment</td>
<td>Compatible with ALE's Easy Deployment Server (EDS) and Easy Device Management (EDM). Saving on manpower with easy large-scale configuration and deployment</td>
</tr>
</tbody>
</table>

Datasheet
Alcatel-Lucent Enterprise M7 DeskPhone
Technical Specifications

Physical Characteristics
• Height: 183mm (7.2 inches)
• Width: 207mm (8.15 inches)
• Depth: 35mm (1.4 inches)
• Weight: 810g (1.79 lb)
• Colour: Gray
• Adjustable stand: 40° & 55°
• Wall mountable (with an optional accessory)

Display
• 3.5-inch, 320x240 colour display

Keys
• 8 programmable line keys with LED
• 4 menu keys
• 4-way navigation keys and OK key
• Cancel key
• Volume control keys (+ and -)
• Hands-free, mute and message keys
• Call hold, call transfer and redial key
• Standard dial pad

Telephony Features
• 8 SIP accounts
• Call forward, call waiting, call transfer, call hold/resume, redial
• Mute/ unmute, voicemail, DND, auto answer
• Local 5-party conference
• Call Log (1000 entries)
• (Contacts 1000 entries)

Audio Characteristics
• G.722, OPUS, iLBC
• G711 (A-law and Mu-law), G.729AB
• Voice Activity Detection (VAD), Comfort Noise Generation (CNG), Acoustic Echo Cancellation (AEC)
• DTMF: In-Band, RFC2833, SIP INFO
• Hearing Aid Compatible (HAC)

Power
• Power over Ethernet (IEEE 802.3af), Class 2
• Power consumption idle/active: 2.17W/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
• USB Type-A/Type-C 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
• 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
• ALE Easy Device Management (EDM)
• ALE Easy Deployment Server (EDS)

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

Regulatory Standards

Safety
• EN 62368-1: 2014 +A11: 2017
• FCC 47 CFR Part 15 B Subpart B
• IEC5-003 Issue 6 Canada
• ETSI EN 301 489-1
• ETSI EN 301 489-17
• EN 55024
• CISPR 24
• CISPR 32
• EN 55032
• EN 61000-3-2, EN 61000-3-3
• TELKOMSA Issue 6 Canada

EMC
• EN 55032, CISPR 32
• EN 55024, CISPR 24
• EN 61000-3-2, EN 61000-3-3

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

Ordering Information
• 3MK27003AA M7 DeskPhone

Accessories
• 3MK27006AA EM20 Expansion Module
• 3MK27007AA EM200 Expansion Module
• 3MK27008AA Wall Mounting Kit
• 3MK08005US External Power Adapter (US)
• 3MK08005EU External Power Adapter (EU)
• 3MK08005RW External Power Adapter (AU/UK)

Packaging
• M7 DeskPhone
• Wired HD wideband handset and cable
• Phone stand
• 1.5m network cable (cat5e)
• Safety sheet
• Quick User Guide

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