ALCATEL-LUCENT 8001/8001G DESKPHONE

The Alcatel-Lucent 8001/8001G DeskPhone is a cost-effective, business-grade phone offering SIP telephony for essential communications. 8001/8001G graphical display can show up to five lines of text simultaneously, and 8001/8001G features an elegant user interface and clear operations to provide an excellent user experience. Moreover, the Alcatel-Lucent 8001/8001G DeskPhone creates a unique, vivid audio experience. Its rich business functions greatly improve work efficiency.

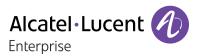


FEATURES

- Standard SIP telephony based on IETF standards (RFCs)
- 132×64 graphic dot matrix display, 5 lines shown simultaneously, with Chinese font support
- RJ9 and 3.5 mm jack for headset connection
- USB connectivity (for example, for charging smartphones)
- Dual 10/100/1000M Ethernet ports (1 LAN access and 1 PC port, only 8001G supports 1000M)
- Support static and dynamic IP allocation
- Power over Ethernet (IEEE 802.3af)
- Two SIP accounts.
- 3-party conference
- Support voice mail
- XML/LDAP phone book
- Redial of last called numbers
- Third-party call control (3PCC) support
- Three configuration methods: (web page, phone configuration, auto-provision)

BENEFITS

- · Business-grade design
- Cost-effective
- Always-on connectivity to ensure continuity of critical communications
- Support Call Center and Contact Center
- Simplified operations, reduced operational expenditure and total cost of ownership through a seamless single management platform shared with other devices, applications and networking elements
- Integration with Alcatel-Lucent communication servers



TECHNICAL SPECIFICATIONS

Physical characteristics

• Height: 205mm (8.07 in) • Width: 197mm (7.76 in) • Depth: 54mm (2.13 in)

• Weight: 800 g · Color: gray

• 2-level adjustable foot stand: 40° or 60°

• Wall-mountable (an adaptor is required for compliance with standard TIA-570-C. section 8)

Operating temperature: 0°C to 45°C

• Operating humidity: 10% to 90%

Display

• 132 x 64 pixel graphic monochrome display, 5 lines shown with backlight

• View area: 31.5mm X 61mm (1.24 in X 2 4 in)

Audio characteristics

• Audio codec: G.711 (A-law and u-law). G.723.1, G.729AB, G.722

· Supports VAD, CNG, AEC, AJB

· Volume controls

· Mute control

Kevs and navigation Application keys

2 SIP account keys

· Conference key

· Redial key

Transfer key

· Hold key

Audio keys

• Volume control keys (+ and -)

• Hands-free on/off key with LED

· Mute on/off key

Indication

· Message key with LED

· Headset key with LED

· Call indication LED

Navigation keys

Cancel key

· 4-way navigation and OK key

Power

Supports 802.3AF Power over Ethernet (PoE) - Class O*

• 802.1p (SIP and RTP QoS)

Connectivity

• 1 x 3.5 mm headset port

1 x USB por (DC 5V/1A output)

Auto-provisioning via FTP/TFTP/HTTP/

HTTPS (for settings and firmware

Browser/phone/auto-provisioning

· Trace package and system log export

• Supports TR069 (China only)

1 x RJ9 handset port

• 1 x RJ9 headset port

Management

Configuration via

Supports Telnet

Supports LLDP

upgrade/download)

• 8001: 2XRJ 45 10/100M Ethernet ports

8001G: 2XRJ 45 10/1000M Ethernet ports

DSCP

Security

• 802.1x

Supports VPN

VLAN tagging (802.1q)

· Transport Layer Security (TLS)

• Digest authentication using MD5/MD5-sess

· Secure configuration file via AES, encryption

· Admin/user 2-level configuration mode

Multi-language

 Czech, Chinese (simplified and traditional). Danish, Dutch, Finnish, English, Estonian, French, German, Greek, Hebrew, Hungarian, Icelandic, Italian, Korean, Latvian, Lithuanian, Norwegian, Polish, Portuguese (Brazil and Portugal), Russian, Slovak, Slovenian, Spanish, Swedish and Turkish

· Display of Unicode characters for supported languages

Regulatory and standards safety

• EN 60950-1

• IEC 60950-1

EMC

• EN 55022 Class B

CISPR 22 Class B

• EN 55024

CISPR 24

Eco-design

• ROHS Directive 2011/65/EU

WEEE Directive 2012/19/EU

Phone features

• Support two SIP account lines, hotline

Support call holding, call waiting, call forwarding and transfer

Caller ID, redial, mute, do not disturb (DND)

Auto answer, conference

Speed-dial, voicemail

· IP direct dial

· Personalized ringtones

Call records(50 logs each): dialed calls/ received calls/missed calls

Phonebook

Individual phonebook (300 entries)

Enterprise phonebook (800 entries)

LDAP/XML directory service

Advanced feature

SIP server redundancy

Third party call control (3PCC)

System interoperability

Alcatel-Lucent OmniPCX® Enterprise R11.0.1 and later

Alcatel-Lucent OmniPCX Office RCE R9.2 and later

Alcatel-Lucent OXO Connect R2 and later

 Alcatel-Lucent OpenTouch® R2.1.1 and later

Standards references (non-exhaustive list)

• RFC 3261: Session Initiation Protocol (SIP)

• RFC 2131: Dynamic Host Configuration Protocol (DHCP)

• RFC 2617: HTTP Authentication: Basic and Digest Access Authentication

 RFC 2833: RTP Payload for DTMF Digits. Telephony Tones and Telephony Signals

RFC 2976: The SIP INFO Method

RFC 3263: Session Initiation Protocol (SIP): Locating SIP Servers

· RFC 3264: An Offer/Answer Model with the Session Description Protocol

• RFC 3515: The SIP Refer Method

• RFC 3892: The Session Initiation Protocol (SIP) Referred-By Mechanism

• RFC 4028: Session Timers in the Session Initiation Protocol (SIP)

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^{*}Maximum power for the 8001 in use without USB charging <= 3 W