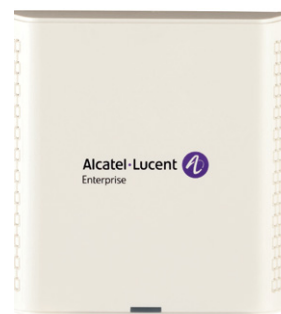


Alcatel-Lucent Enterprise 8328 SIP-DECT Single Base Station

The 8328 SIP-DECT Single Base Station by Alcatel-Lucent Enterprise is a wireless base station that provides on-site mobile communications to small branch offices and stores in shopping malls.

It offers single/dual DECT cell coverage with excellent quality voice communications for 10 parallel calls with Alcatel-Lucent 8212 DECT handsets with up to 20 SIP accounts per system on Rainbow Office powered by RingCentral.



8328 SIP-DECT



8328 SIP-DECT with foot

Features	Benefits
Interoperability with Rainbow Office	End-to-end Alcatel-Lucent Enterprise cloud mobility solution
Secure web-based management for auto provisioning	Cost-effective operations
Up to 20 SIP accounts per system	Cost-effective, IP-DECT solution for small branch offices
DECT CAT-iq 2.0 with up to 5 wideband calls or 10 Narrowband calls	Excellent voice quality communications while on-site
Power over Ethernet (PoE) powered	No specific power supply required
Multiline, call groups, conference (3-PTY)	Customers can reach employees wherever they are in a small branch office

Technical specifications

Product ships with

- 8328 SIP-DECT Single Base Station
- Safety sheet

Radio specifications

- DECT CAT-iq 2.0
- Frequency band
 - Europe/ETSI: 1.88 GHz – 1.90 GHz
- RF power 250 mW
- Radio coverage from 50 m to 300 m (approximately 55 yd to 328 yd) depending on location and environment
- Maximum number of simultaneous active calls: 10
- Switched antenna diversity

Communication features

- Up to 10 narrowband calls G.711
- Up to 5 wideband calls G.722
- Up to 4 simultaneous compressed calls (G.729A)
- 2 simultaneous calls per handset
- Codec negotiation, switching
- Call hold-retrieve
- Call Transfer attended-unattended
- Local 3-party conference
- Call waiting indication
- CLIP/CNIP
- Central phone book using XML, CSV files remote or file load from web interface
- Call forward: CFU, CFNA, CFB
- Call group up to 20 handsets

Communication server

- Rainbow Office powered by RingCentral

DECT protocol specifications

- No support of GAP-compliant devices
- No repeaters support
- Support identity, authentication and encryption
- CAT-iq 2.0 for security
- Audio CODEC G.726, G.722
- Handsets registration: 20
- Roaming, handover available on dual cell deployment

Dimensions

Indoor (Wall mountable)

- Height: 95 mm (3.74 in)
- Width: 93 mm (3.66 in)
- Depth: 24 mm (0.94 in)
- Weight: 109 g (3.84 oz.)

Power feeding

- Power over internet (POE) IEEE802.3af class 2 (6.49 W maximum)
- Same PoE injector as the Alcatel-Lucent DeskPhone range

Network interface

- 10/100Base-T, IEEE802.3 Ethernet port
- RJ45 connector

Indicator and keys

- One reset key for restart and restore factory defaults
- LED multi-color status indication: Red, Green, Orange

IP specifications

- IPv4
- TCP/UDP/TLS 1.2
- TFTP/HTTP/HTTPS for remote configuration and firmware update
- DHCP option 66 and custom
- HTTP/HTTPS embedded web server
- Static IP address supported
- QoS: IEEE 802.1 P/Q
- LLDP MED
- Audio CODEC: G.711 (A-law and MU-law), G.729A, G.722
- Embedded trusted certificates
- SNTP for clock synchronisation
- RTP/SRTP

Serviceability

- Remote/auto provisioning
- Syslog client and SIP log
- Web-based management

Environmental

- Operating temperature: -10°C to +50°C
- Storage temperature: -25°C to +55°C
- Transport temperature: -40°C to +70°C
- IP Class (IEC 60529): IP20

Regulatory and international directives

- EU directives
 - Radio equipment directive; 2014/53/EU
 - ROHS 2011/65/EU and 2015/863/EU
 - WEEE 2012/19/EU

- Safety
 - IEC 62368-1
 - UL 62368-1 2nd edition
 - CAN/CSA-C22.2 No.62368-1-14
- EMC
 - EN 301 489-01 V2.2.3
 - EN 301 489-06 V2.2.1
 - EN61000-3-2
 - EN61000-3-3
 - AU: EN 55032
 - EN 55035
 - USA: 47 CFR FCC part 15, Subpart B
 - CAN: ICES-003 Issue 7
- Radio DECT
 - EU: EN 301 406
 - USA: FCC CFR47 Part 15D
 - CAN: IC RSS-213 Issue 3

Mobile handsets

The handsets supported by the 8328 SIP-DECT Single Base Station include:

- 3BN67355AA 8212 DECT Handset with Desktop charger
- 3BN07004AA 8212 DECT Handset with Desktop charger and PSU Europe 3BN67335AA
- 3BN07005AA 8212 DECT Handset with Desktop charger and PSU WW 3BN67336AA

Accessories

- 3BN67387AA 8328 SIP-DECT Single Base station
- 3BN67389AA 8328 SIP-DECT Single Base station mounting foot
- PoE injector kit:
 - 3MG27035AA Europe
- 3AK21492AA Ethernet cable RJ45 CAT5e Length 3 m (x1)
- 3AK21492AB Ethernet cable RJ45 CAT5e Length 3m (x10)