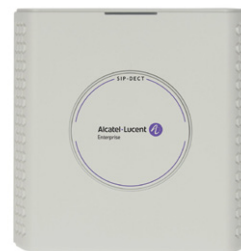![Alcatel·Lucent Enterprise logo]

Alcatel-Lucent Enterprise 8368 SIP-DECT Multi-Cell Base Station

The Alcatel-Lucent Enterprise 8368 SIP-DECT Multi-Cell Base Station is a wireless base station that provides on-site mobile communications for enterprise businesses of all sizes.

Excellent voice quality meets operational simplicity in small branch and large site companies with Alcatel-Lucent Enterprise cloud offers.

This offering provides multi-cell DECT coverage with excellent quality voice communications for 10 parallel calls and 40 SIP accounts per base station with support of Alcatel-Lucent Enterprise 8214 DECT Handset.

Indoor
integrated antennas

Outdoor
external antennas

Features	Benefits
Interoperability with Rainbow Hub and RingCentral MVP®	End-to-end Alcatel-Lucent Enterprise cloud mobility solution
Secure Web-based management for auto provisioning	Cost-effective operations
Up to 40 SIP accounts per base station and 1000 SIP accounts per multi-cell system	Scalability to address all segments from small to large installation
DECT CAT-iq 2.0 with up to 5 wideband calls or 10 narrowband calls per base station	Excellent voice quality communications while on-site
Up to 254 base stations and 1000 users per system	Cost-effective, IP-DECT solution for mid and large installation
Suitable for indoor and outdoor environments	Excellent voice quality everywhere

Technical specifications

Product ships with

Indoor
- 8368 SIP-DECT Multi-Cell integrated antennas base station
- Wall mounting support
- Safety sheet

Outdoor
- 8368 SIP-DECT Multi-Cell external antennas base station
- Wall mounting support
- Safety sheet

Dimensions

Indoor (Wall mountable)
- Height: 144 mm (5.65 in.)
- Width: 140 mm (5.51 in.)
- Depth: 35 mm (1.38 in.)
- Weight: 313 g (11.04 oz.)

Outdoor (Wall mountable)
- Height: 365 mm (14.4 in.)
- Width: 210 mm (8.3 in.)
- Depth: 65 mm (2.6 in.)
- Weight: 1.10 kg (38.8 oz.)

Radio specifications
- DECT CAT-iq
- 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
- Over the air synchronisation

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 G726, G729, G722
- Roaming, handover

Communication servers
- RingCentral MVP
- Rainbow Hub
- Up to 254 base stations
- Handsets registration: up to 1000 handsets (40 per base station)

Power feeding
- Power over internet (PoE) IEEE802.3af class 2 (6.49 W maximum)
- Same PoE injector as the Alcatel-Lucent Enterprise 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: G711 (A-law and MU-law), G729A, G722
- Embedded trusted certificates
- SNTP for clock synchronisation
- RTP/SRTP

Communication features
- Up to 10 narrowband calls (G711) per base station
- Up to 5 wideband calls (G722) per base station
- Up to 10 simultaneous compressed calls (G.729A) per base station
- Up to 1000 calls simultaneously
- 2 simultaneous calls per handset
- Codec negotiation, switching
- Call hold-retrieve
- Call attended transfer
- 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

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

Environmental
- Operating temperature: Indoor base station: +5°C to +45°C (41°F to 113°F)
- Outdoor base station: -20°C to +55°C (-4°F to 131°F)
- Storage temperature: -25°C to +55°C (-13°F to 131°F)
- Transport temperature: -40°C to +70°C (-40°F to 158°F)
- IP Class (IEC 60529):
  - ¬ Indoor base station: IP30
  - ¬ Outdoor base station: IP55

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
  - ¬ EU: EN 301 406
  - ¬ USA: FCC CFR47 Part 15D
  - ¬ CAN: IC RSS-213 Issue 3

Mobile handset
The handset supported by the 8368 SIP-DECT Multi-Cell Base Station is:
- 3BN67392AA 8214 DECT Handset with Desktop charger

Products and accessories
- 3BN67389AA 8368 SIP-DECT Multi-Cell integrated antennas
- 3BN67391AA 8368 SIP-DECT Multi-Cell outdoor external antennas
- 3MG27035AA PoE injector kit Europe

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