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.

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

Datasheet
Alcatel-Lucent 8368 SIP-DECT Multi-Cell Base Station
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) IEE802.3af class 2 (6.49 W maximum)
• Same PoE injector as the Alcatel-Lucent Enterprise DeskPhone range

Network interface

• 10/100Base-T, IEE802.3
• 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/CNP
• 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