

## RTX RTX8660 IP DECT - SME VOIP Multi-cell Base Station (RTX8660Base)



Product Name: RTX RTX8660 IP DECT - SME VOIP Multi-cell Base Station (RTX8660Base)

Manufacturer: -

Model Number: RTX8660Base

Please Note: This product has been discontinued. Please see the Snom M700 DECT Multicell Base Station (M700) as an alternative.

RTX RTX8660 IP DECT - SME VOIP Multi-cell Base Station (RTX8660Base)

The RTX RTX8660Base is a DECT multi-cell base station. It supports up to 254 base stations and 1000 handsets. It is specifically developed for small and medium enterprises. The RTX8660 is both cost effective and scalable as you can pay as you grow.

RTX RTX8660Base Key Features

- Up to 254 base stations in a system
- Up to 1000 terminals in a system
- 8 narrowband channels / base
- 4 wideband channels / base
- Seamless handover
- Power over Ethernet (PoE)
- Over the air-synchronisation
- Repeater support (RTX4024)
- Provisioning support
- IP and DECT encryption
- Worldwide radio SKU's

RTX RTX8660Base Technical Specifications

DECT

- Frequency band:- 1880 MHz &ndash; 1930 MHz (DECT) - 1880 &ndash; 1900 MHz (10 carriers) Europe - 1910 &ndash; 1930 MHz (10 carriers) Latam - 1920 &ndash; 1930 MHz (5 carriers) US and customised frequency bands
- Four power levels (14, 17, 20 and 24 dBm)
- Seamless handover using connection handover
- Wideband voice (HDSP) Basic
- Interoperability, Phase I (CAT-iq 1.0)
- Authentication / encryption of base and handset

Audio

- 10 audio channels using G.726 / G711 codec
- 10 audio channels using G.729 (optional DSP)
- 5 CAT-iq wideband audio channels using G.722
- RFC3711 SRTP

Antennas

- Internal omni-directional antennas
- Range: Indoor: 50 m
- Range: Outdoor: 300 m

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### Additional Features

- Repeater supported (upto 120 repeaters)
- Fast antenna diversity switching
- Synchronisation via air interface

### System

- 1000 SIP registrations (max 1000 handsets)
- 254 bases can be connected into one PBX system

### Network

- TFTP, HTTP, HTTPS for remote configuration and firmware download
- VLAN
- DHCP options 66 and custom
- Embedded web server for easy configuration
- IPv6

### Power Supply (PSE)

- Power over Ethernet (PoE): 44-57V - IEEE802.3af (Class 2)
- Max power consumption: 5W

### Ethernet

- Connector: RJ 45
- Interface to IP network: 10/100 BASE-T IEEE802.3

### Mechanics

- Housing: IP20
- Dimensions: 210,50 x 150 x 58mm (HxWxD)
- Temperature Range: - 5°C; to + 55°C;

### Other

- LED status indication
- Firmware update

### Approvals

- EN 301406 (TBR6)
- EN 30176 - 2 (TBR10)
- EN 60950 - 1 (Safety) - IEC60950 -1 - CSA c-CSA-us or UL60950 - 1
- EN 301489 (EMC, ESD)
- RF (EMF, SAR)
- FCC part 15D, conducted & radiated
- FCC part 15B
- RSS213

## RTX RTX8660 IP DECT - SME VOIP Multi-cell Base Station (RTX8660Base)

### SIP

- SIP
- RFC2833 In-Band DTMF/Out of band DTMF support
- RFC2976 The SIP INFO method
- RFC3261 compliance
- Digest/basic authentication
- RFC3263, DNS SRV redundant server support
- RFC3264 Offer/answer
- RFC3326 The Reason Header Field for SIP
- RFC3489 STUN
- RFC3515 REFER
- RFC3581 RPORT
- RFC3842, RFC3265 Message Waiting Indication, subscription for MWI events
- RFC3892 SIP Referred-By Mechanism
- RFC3960 Early Media and Ringing Tone
- Generation in SIP
- RFC 4028
- RFC 3311

### Please Enquire

Options available for RTX RTX8660 IP DECT - SME VOIP Multi-cell Base Station (RTX8660Base) :

#### Handset Required?

[RTX8631 Ruggedised DECT Handset \(+£143.96\)](#), [RTX8430 DECT Handset \(+£90.50\)](#), [RTX8830 DECT Handset \(+£250.00\)](#), [Not Required](#), [RTX8630 DECT Handset \(+£132.10\)](#).