

RTX RTX8630 IP DECT - SME VOIP PoE Base Unit



Product Name: RTX RTX8630 IP DECT - SME VOIP PoE Base Unit

Manufacturer: -

Model Number: RTX8630Base

Please Note: This product has been discontinued. Please see the Snom Wireless VoIP Phones for an alternative.

RTX8630 IP DECT - SME VOIP Base Unit PoE

Please Note - The RTX8630 is PoE Only and no external power supply can be used..

The RTX8630 IP DECT SME VOIP Base Unit delivers a complete IP DECT solution. It allows the system to grow from 1 to 40 bases and up to 200 users. RTX provides two different high quality color screen CAT-iq handsets that support the wideband audio functionality in the base station.

RTX8630 Key Features

- ½ 200 users (200 handsets registered)
- ½ Scalable from 1 to 40 bases, with seamless handover
- ½ 10 narrow band audio channels per base
- ½ 4 CAT-iq wideband audio channels per base
- ½ G.726, G.711 and optional G.729 narrow band codec
- ½ G.722 wideband codec

The IP DECT – SME VoIP supports DECT standards in all major regions in the world. Seamless handover and repeater support are two major advantages besides the superior scalability and audio quality. Therefore the customer can focus on its core business while RTX Hong Kong Ltd. delivers a complete IP DECT solution, comprising state-of-the-art hardware and software. Note: Please refer to the Multicell DECT Detailed Comparison Table for more information.

RTX8630 IP DECT Base Unit Technical Specifications

DECT

- ½ Frequency bands coverage: DECT, EU/AU/NZ, US/CA, TW & LATAM
- ½ Four power levels (14, 17, 20 and 24 dBm)
- ½ Seamless handover using Connection Handover
- ½ Wideband Voice (HDSP) Basic Interoperability, Phase I (CAT-iq 1.0)
- ½ Authentication / Encryption of base and handset

Audio

- ½ 10 audio channels using G.726 / G711 codec
- ½ 10 audio channels using G.729 (optional DSP)
- ½ 4 CAT-iq wideband audio channels using G.722
- ½ RFC3711 SRTP

Antennas

- ½ Internal omni-directional antennas
- ½ Range: Indoor: 50 m
- ½ Range: Outdoor: 300 m

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Additional Features

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

System

- 200 users (200 handsets registered)
- 40 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

- Power over Ethernet (PoE): 36-60 V - 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: 227 x 279 x 39mm (HxWxD)
- Temperature Range: - 5°C to + 55°C;

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

SIP

- SIPS
- RFC2833 In-Band DTMF/Out of band DTMF support
- RFC2976 The SIP INFO method
- RFC3261 compliance
- Digest/basic authentication

RTX RTX8630 IP DECT - SME VOIP PoE Base Unit

• 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

Price: £178.15