



RTX8664

IP 2G4 Base

- Upto 254 base stations and 1000 handsets in a single system
- IP 2G4 Base Station for Small and Medium Enterprise
- HD and/or narrow band audio

- Seamless handover
- Power over Ethernet or DC supply
- Upside down mounting option, with turn able logo

FEATURES

- 24 slot radio
- Maximum 8 active voice channels per base station
- Frequency bands :2400-2480 MHZ
- Frequency hopping system using maximum 47 channels in the 2G4 band
- Plan to have license on more than 254 base stations and 1000 terminals
- Power over Ethernet
- DC support
- Over the air synchronisation
- Support of software download to wireless terminals
- LED status indication
- Chinese or English or other language menu in Web server
- "Seamless" handover
- IP security support: SIPS, HTTPS, SRTP and Secure LDAP using TLS
- Simple installation and configuration using an integrated web server
- Auto configuration/provisioning and automatic redundancy
- Local centralized phonebook(CSV or XML) and remote phonebook support based on XML or LDAP

TECHNICAL SPECIFICATIONS

IP DECT Basestation – SME VoIP 8664

DECT

- Frequency band: 2400 MHz – 2480 MHz (2G4) and customized frequency bands
- Max. 20 dBm
- Seamless handover using connection handover
- Wideband voice (HDSP) Basic
- 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

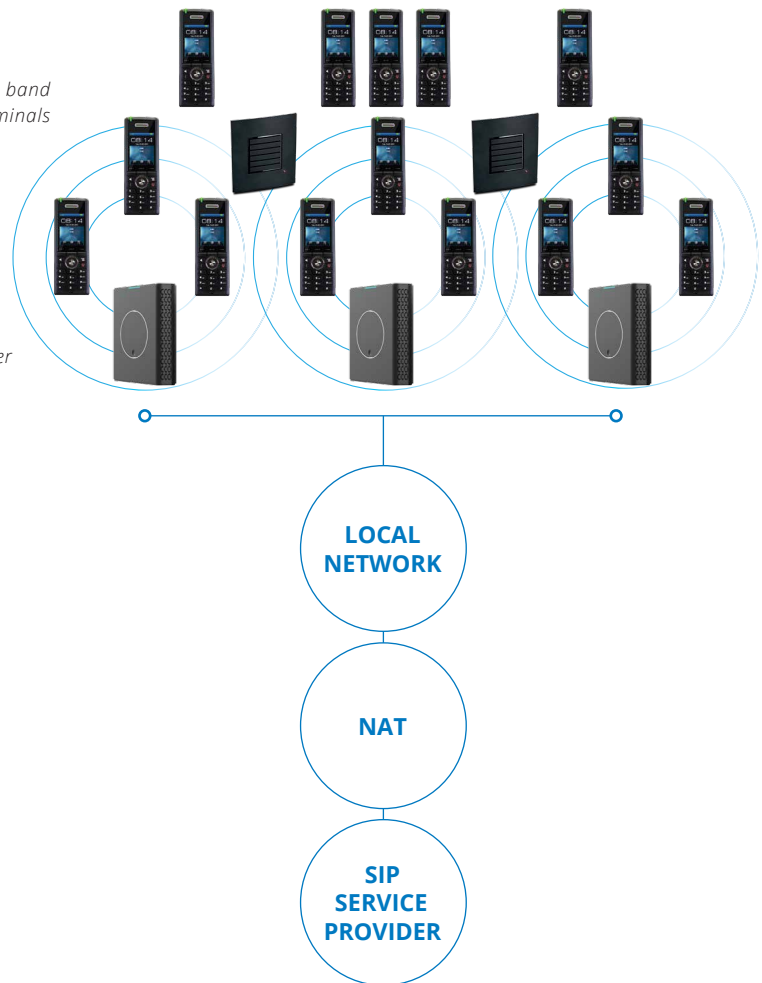
- Internal omni-directional antennas
- Range: Indoor: 40 m
- Range: Outdoor: 200 m

ADDITIONAL FEATURES

- Repeaters supported (upto 100 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



POWER SUPPLY

- Power over Ethernet (PoE): 36-60 V - IEEE802.3af (Class 2)
- Max power consumption: 5W
- DC power input

NETWORK

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

ETHERNET

- Connector: RJ 45
- 10/100 Base-T interface (IEEE802.3)

MECHANICS

- *Housing: IP20*
 - *Dimensions: 144x140x35mm (HxWxD)*
 - *Temperature Range: -10° to +50°*
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OTHER

- *LED status indication*
 - *Firmware update*
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APPROVALS

- *RF:*
ETSI EN 300 328 V1.8.1 (2012.04)
- *EMC:*
GB/T9254-2008 (idt CISPR 22 : 2006)
GB/T17618-2015
- *Safety:*
GB4943.1-2011

SIP (SESSION INITIATION PROTOCOL)

- *SIPS*
 - *RFC2327 SDP: Session Description Protocol*
 - *RFC2396 Uniform Resource Identifiers (URI): Generic Syntax*
 - *RFC2833 In-Band DTMF/Out of band DTMF support*
 - *RFC2976 The SIP INFO method*
 - *RFC3261 SIP 2.0*
 - *RFC3262 Reliability of Provisional Responses in the Session Initiation Protocol (PRACK)*
 - *RFC3263 Locating SIP Servers (DNS SRV, redundant server support)*
 - *RFC3264 Offer/Answer Model with SDP*
 - *RFC3265 Specific Event Notification*
 - *RFC3326 The Reason Header Field for the Session Initiation Protocol*
 - *RFC3311 The Session Initiation Protocol UPDATE Method*
 - *RFC3325 P-Asserted Identity*
 - *RFC3326 The Reason Header Field for the Session Initiation Protocol (SIP)*
 - *RFC3489 STUN*
 - *RFC3515 REFER: Call Transfer*
 - *RFC3550 RTP: A Transport Protocol for Real-Time Application*
 - *RFC3581 Rport*
 - *RFC3842 Message Waiting Indication*
 - *RFC3891 Replace header support*
 - *RFC3892 The Session Initiation Protocol (SIP) Referred-By Mechanism*
 - *RFC3960 Early Media and Ringing Tone Generation in the Session Initiation Protocol (SIP)*
 - *RFC4475 Session Initiation Protocol (SIP) Torture Test Messages*
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