



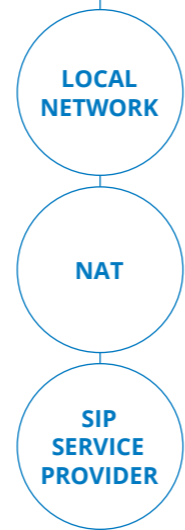
RTX8664
IP 2G4 BASE

- Upto 254 base stations and 1000 handsets in a single system
- IP 2G4 Base Station for Small and Medium Enterprise
- 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 45 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
- 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

- 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): 36-57V - IEEE802.3af (Class 3)
- DC power input : 5VDC@2A

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°

OTHER

- LED status indication
- Firmware update

APPROVALS

- China

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