RFP 35 IP

SIP-DECT indoor base station

RFP 35 IP

Connections of RFP 35 IP

The Radio Fixed Parts RFP 35 IP is connected directly to the LAN like a VoIP device, while using all the benefits of established DECT technology for radio transmission.

This ensures full compatibility with cordless DECT terminals, which are available as system telephones and standard GAP terminals.

The VoIP solution is particularly suitable for branch offices that are connected to a company's headquarter via IP link. The enrolled cordless handsets act as normal company extensions, which means the staff can always be reached on their telephone numbers, regardless of whether they are currently in the headquarter or in one of the branch offices.

Using shared IP connections for data and telephony cuts down on the need for additional infrastructure and therefore reduces costs.

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Features

DECT

- *All 120 DECT channels supported for maximum use of the DECT capacity*
- *8 simultaneous voice channels per RFP, 4 additional channels for switching purposes*
- *GAP standard supported*
- *Connection handover in line with the GAP standard*
- *DSAA authentication between base and handset*
- *Support of DECT encryption*
- *Integrated DECT dipole antenna*
- *DECT XQ for minimization of interferences in reflecting environments*
- *DECT security*

SERVICE AND INSTALLATION

- *3 LEDs signalling the current operating state*
- *Central configuration*
- *Central system journal*
- *Central cluster administration*
- *Wiring alternatively from below (cable duct) or from above (suspended ceiling)*
- *RFP 35 IP can be connected via RJ 45 connector*

ETHERNET

- *Connection via Ethernet 100/1000 BaseT*
- *Power supply in line with Power over Ethernet standard IEEE 802.3af, class 3*
- *IPv4*

VOIP

- *VoIP connection using RTP / RTCP protocol*
- *G.711 / G.722 / G.729AB1 codec depending on required voice quality and available bandwidth*
- *Quality of service supported by Diffserv / ToS Flag*
- *Adaptive jitter compensation*
- *Echo cancellation / suppression*
- *Voice activity detection and comfort noise generator*
- *Secure VoIP SRTP/TLS*

Technical data

- *Power supply:*
  - *Power over Ethernet IEEE 802.3af, class 3 or*
  - *100-240 V AC adapter*
- *Ambient temperature: -5°C to +45°C*
- *Relative humidity: 5 to 95% (non-condensing)*
- *Storage temperature: -40°C to +70°C*
- *Current consumption: 120mA*
- *Type of ingress protection: IP 20*
- *Flame resistance UL94 V0-5VB*
- *Wall-mountable*
- *Colour: ice grey*
- *Weight: 417 g (without AC adapter)*
- *Dimensions (W x H x D): 195 x 200 x 30 mm*

PART NUMBERS RFP 35 IP

RFP 35 IP	68637
RFP 35/43 Power Supply	87-00002AAA-A

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Powering connections

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