RFP 36 IP

SIP-DECT outdoor base station

RFP 36 IP

The IP 65 outdoor Radio Fixed Parts RFP 36 IP is connected directly to the LAN like a VoIP device, while using all the benefits of the 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.

RFP 36 IP uses built-in dipole antennas. Thus it can be used for the parking sites or delivery areas of a company as well as for a university campus or the outside area of hospitals.

Features

DECT

- *All 60 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 dipole DECT antenna in RFP 36 IP*
- *DECT XQ for minimizing interferences in reflecting environments*
- *DECT security*

SERVICE AND INSTALLATION

- *Central configuration*
- *Central system journal*
- *Central cluster administration*
- *Connecion via RJ 45*
- *Mounting height: To avoid interferences with other radio equipment, outdoor RFPs must be installed below the roof edge and at a height of at least 3m.*

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
- *Ambient temperature:*
  -25°C to +55°C
- *Relative humidity:*
  5 to 95% (non-condensing)
- *Storage temperature:*
  -5°C to +45°C
- *Type of ingress protection: IP 65*
- *Flame resistance UL94 V0*
- *Wall and mast mountable*
- *Colour: light grey*
- *Weight:*
  RFP 36 IP: 995g
- *Dimensions (W x H x D):*
  240 x 243 x 60 mm

PART NUMBERS

RFP 36 IP	68635
RFP outdoor wall mount	4602286
RFP outdoor mast mount = 65mm	4602437
RFP outdoor mast mount >65mm	4602285

Mitel
Powering connections

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