



DECToverIP®

RFP 32 IP

RFP 34 IP

The DECToverIP® base station for wireless communication in IP networks

The convenience of mobile telephony in IP networks (DECToverIP®)

Aastra presents the complete integration of wireless DECT telephony in an IP infrastructure. The Radio Fixed Parts RFP 32 IP and RFP 34 IP are connected directly to the LAN like a VoIP device and use 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 headquarters via IP routes. The integrated mobile handsets act as normal company extensions, which means that staff can always be reached on their telephone number, regardless of whether they are currently in headquarters or one of the branch offices. Using shared IP connections for data and telephony cuts down on the need for extra infrastructure and therefore reduces costs.

The RFP 32 IP is the indoor version and the RFP 34 IP is the outdoor version.



RFP 34 IP



RFP 32 IP

Features

DECT

- » All 120 DECT channels supported for maximum use of DECT capacity
- » 8 simultaneous voice channels per DECT IP base station, 4 additional channels for handover
- » GAP standard supported
- » Connection handover in line with the GAP standard
- » DSAA authentication between base and handset
- » Support of DECT encryption
- » Cordless system telephones can use all features offered by the OpenCom 100 and 1000
- » Integrated DECT antenna in RFP 32 IP
- » External dipole or directional antenna on the RFP 34 IP

Service and Installation

- » 3 LED's signalling the current operating state: on RFP 32 IP outside, on RFP 34 IP inside
- » Central configuration via WEB-Configurator
- » Central system journal
- » Central cluster administration
- » Whirring alternatively from below (cable duct) or from above (suspended ceiling) for RFP 32 IP
- » RFP 34 IP can be connected via RJ 45 or IDC (insulation displacement contact) connectors

Ethernet

- » Connection via Ethernet 100 BaseT
- » Power supply in line with Power over Ethernet standard IEEE 802.3af, class 0
- » IPv4

VoIP

- » VoIP connection using RTP/RTCP protocol
- » G.711/G.723.1*/G.729AB* codec (*additional license required) 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

Requirements

- » DHCP
- » TFTP

Order Information RFP 32 IP

Description	Part Number
» RFP 32 IP	69207
» AC adapter (continental)	4513610
» AC adapter (UK)	4513748

Order Information RFP 34 IP

Description	Part Number
» RFP 34 IP (without antennas)	69205
» Dipole antennas	4602421
» Directional antenna	4602422
» Wall-mounting set	4602286
» Mast-mounting device Ø 65 mm	4602437
» Mast-mounting device Ø > 65 mm	4602285
» Antenna-mounting device	71061801
» Antenna cable	4604685
0,5m	

RFP 32 IP (Indoor)

- » Power supply:
 - » Power over Ethernet IEEE 802.3af, class 0 or
 - » 230 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
- » Power: 6 W
- » 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 32 mm

RFP 34 IP (Outdoor)

- » Power supply:
 - » Power over Ethernet IEEE 802.3af, class 0
- » Ambient temperature: -25°C to +55°C
- » Relative humidity: 5 to 95% (non-condensing)
- » Storage temperature: -5°C to +45°C
- » Current consumption: 120mA
- » Power: 6 W
- » Type of ingress protection: IP 65
- » Flame resistance UL94 V0
- » Wall- and mast-mountable
- » Colour: light grey
- » Weight: 1.006 g
- » Dimensions: (W x H x D): 240 x 260 x 60 mm



RFP 34 IP
with dipole antennas



RFP 32 IP