



RFP L32 IP and L34 IP

Base stations for DECToverSIP™ solution

Aastra presents the complete integration of wireless DECT telephony into an IP infrastructure. The Radio Fixed Parts RFP L32 IP and RFP L34 IP are connected directly to the LAN like any other VoIP device and use the benefits of established DECT technology for mobility solutions. This ensures full compatibility with cordless DECT terminals, which are available as system telephones and standard GAP terminals.

The DECToverSIP 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 L32 IP is the indoor version and the RFP L34 IP is the outdoor version.

Key benefits include:

The DECToverSIP™ base station for wireless communication in IP networks

The convenience of mobile telephony in IP networks (DECToverSIP™)



RFP L34 IP



RFP L32 IP



RFP L34 IP
with dipole antennas



RFP L32 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
- » Integrated DECT antenna in RFP L32 IP
- » External dipole or directional antenna on the RFP L34 IP

Service and Installation

- » 3 LED's signalling the current operating state: on RFP L32 IP outside, on RFP L34 IP inside
- » Central configuration via WEB-Configurator
- » Central system journal
- » Central cluster administration
- » Wiring alternatively from below (cable duct) or from above (suspended ceiling) for RFP L32 IP
- » RFP L34 IP can be connected via RJ 45 or IDC (insulation displacement contact) connectors

Ethernet

- » BaseT connection via Ethernet 10/100
- » 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

Part Numbers

RFP L32 IP

- » RFP L32 IP, Part no. 68883
- » AC adapter (global), Part no. 68744

Part Numbers

RFP L34 IP

- » RFP L34 IP (without antennas), Part no. 68882
- » Dipole antennas, Part no. 4602421
- » Directional antenna, Part no. 4602422
- » Wall-mounting set, Part no. 4602286
- » Mast-mounting device Ø 65 mm, Part no. 4602437
- » Mast-mounting device Ø > 65 mm, Part no. 4602285
- » Antenna-mounting device, Part no. 71061801
- » Antenna cable, 0,5m Part no. 4604685

RFP L32 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 L34 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