



RFP 41 WLAN

The hybrid RFP for DECToverIP® and WLAN

DECToverIP® and WLAN in one RFP

In addition to the DECT Radio Fix Part, the RFP 41 WLAN also provides a WLAN Access Point. This makes it possible to set up a powerful, company-wide DECT network with RFP 31 and 33 and to provide WLAN hotspots where ever required at the same time, e.g. in conference rooms.

Reasons to use the RFP 41 WLAN instead of separate DECT-RFPs and WLAN access points are:

- » Only one RFP for two technologies (DECT, WLAN)
- » Only one switch-port is required
- » Only one outlet for power over LAN needs to be installed
- » Integrated, centralized management for DECT and WLAN via a user friendly Web interface
- » Net View Management:
 - RFP 41 WLAN Access points can be grouped in clusters
 - The WLAN-properties within one cluster can be managed for all access points simultaneously
 - It is not required to administer the access points individually



Features

DECT

- » Support of all 120 DECT channels, ensuring the maximum advantage of the DECT capacity
- » 8 simultaneous voice channels per DECT IP base station, 4 additional channels for handover
- » Synchronisation of the RFPs' via a DECT radio interface
- » GAP standard supported
- » Connection handover in line with the GAP standard
- » DSAA authentication between base station and handset
- » Cordless system phones can make use of features offered by the OpenCom 100 and 1000
- » Integrated DECT antenna

VoIP

- » VoIP connection with RTP/RTCP protocol
- » G.711, G.723.1 and G.729AB codec (additional licenses 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

Ethernet

- » Connection via Ethernet 100 Base T
- » Power supply in line with Power over LAN™ standard IEEE 802.3af, class 0
- » IPv4
- » Optional SNMPv1/v2c, MIB II, read only, support of traps
- » Support of different VLANs' (virtual LANs')

WLAN Access Point

- » WLAN Access Point
- » Support of 802.11 b/g for WLAN enabling b, g or mixed b/g usage
- » Adjustable transmission power level for easy network planning
- » Two adjustable external aerials
- » Central service interface for all WLAN Access Points
- » 802.11d Multiple Regulatory Domains, enabling country specific WLAN channel selection
- » Wireless multimedia extensions (WME) for quality of service.
- » Security features:
 - » Wired Equivalent Privacy (WEP), set able for 64, 128 and 256-bit encryption
 - » WPA1 (Wi-Fi Protected Access) encryption *
 - » Authentication of stations with RADIUS 802.1x server
 - » WAP2 with asymmetric encryption
 - » White list for allowed WLAN stations for up to 64 MAC address entries
 - » 64-entry associated stations list
 - » Hidden Service Set Identifier (SSID)
 - » Multiple SSID enables several parallel WLAN networks within one access point infrastructure

Service and Installation

- » LED signaling the current operating state
- » Central configuration via WEB-Configurator
- » Central system journal
- » Central Cluster Administration

Technical Data

- » Power supply:
 - Power over LAN™
 - IEEE 802.3af, class 0
 - 230 V AC adapter
- » Ambient temperature: -5°C to +45°C
- » Relative humidity: 5 to 95% (not condensing)
- » Storing temperature: -40°C to +70°C
- » Current consumption: 150mA
- » Power: 9 W
- » Type of ingress protection: IP 30
- » Designed for wall mounting
- » Colour: Ice grey
- » Weight: 400g (without the AC adapter)
- » Dimensions (W x H x D): 151 x 101 x 85 mm (without aerials)

Requirements

- » DHCP
- » TFTP

Order Information

Description	Part Number
» RFP 41 WLAN	69544
» AC adapter (continental)	4513610
» Power Supply UK	4513748

*Not recommended for use with Centrino WLAN client cards. These cards require WAP2 for full compatibility.

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