Aasta DectOverIP RFP (Radio Fixed Parts) WLAN Hybrid L42

Product Name: Aasta DectOverIP RFP (Radio Fixed Parts) WLAN Hybrid L42
Manufacturer: -
Model Number: RFP L42 WLAN

Aasta DectOverIP RFP (Radio Fixed Parts) WLAN Hybrid L42
RFP L42 WLAN SIP-DECT and WLAN in one RFP
In addition to the DECT radio base station, RFP L42 WLAN also provides a WLAN Access Point. This permits to set up a powerful, company-wide DECT network in conjunction with RFP L32 IP and L34 IP and to provide WLAN hotspots at the same time wherever required, e.g. in conference rooms.
Benefits of RFP L42 WLAN

ï¿½ Only one access point for two technologies (DECT and WLAN)
ï¿½ Just one switch-port is required
ï¿½ Only one outlet for Power over Ethernet needs to be installed
ï¿½ Integrated, centralized management and set up for DECT and WLAN
ï¿½ Net View Management: RFP L42 WLAN Access Points can be grouped in clusters
ï¿½ WLAN properties within one cluster can be managed for all access points simultaneously
ï¿½ It is not required to administer the access points individually

Aasta DectOverIP RFP L42 Key Features
DECT

ï¿½ All 120 DECT channels supported for maximum use of DECT capacity
ï¿½ 8 simultaneous voice channels per SIP-DECT base station, 4 additional channels for handover
ï¿½ Synchronisation of RFPs via DECT radio interface
ï¿½ GAP standard supported
ï¿½ Connection handover in line with the GAP standard
ï¿½ DSAA authentication between base and handset
ï¿½ Support of DECT encryption
ï¿½ Integrated DECT antenna
ï¿½ External dipole for WLAN

VoIP

ï¿½ VoIP connection using RTP/RTCP protocol
ï¿½ G.711 / G.723.11 / G.729AB1 codec depending on required voice quality and available bandwidth
ï¿½ Quality of service supported by Diffserv/ToS Flag
ï¿½ Adaptive jitter compensation
ï¿½ Echo cancellation/suppression
ï¿½ Voice activity detection and comfort noise generator

Ethernet

ï¿½ BaseT connection via Ethernet 10/100 Mbit
ï¿½ Power supply in line with Power over Ethernet standard IEEE 802.3af, class 0
ï¿½ IPv4
ï¿½ Support of different VLAN (virtual LANs), for the separation of DECT and WLAN and the various profiles or SSIDs

WLAN Access Point

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ï¿½ Support of 802.11 b/g for WLAN enabling b, g or mixed b/g usage
ï¿½ Adjustable transmission power level for easy network planning
ï¿½ Two adjustable external aerials
ï¿½ Central service interface for all WLAN Access Points
ï¿½ 802.11d Multiple Regulatory Domains, enabling country specific WLAN channel selection
ï¿½ Wireless multimedia extensions (WME) for quality of service.

Security Features

ï¿½ Wired Equivalent Privacy (WEP), set able for 64, 128 and 256-bit encryption
ï¿½ WPA1 (Wi-Fi Protected Access) encryption2
ï¿½ Authentication of stations with RADIUS 802.1x server
ï¿½ WPA2 with asymmetric encryption
ï¿½ White list for allowed WLAN stations for up to 64 MAC address entries
ï¿½ 64-entry associated stations list
ï¿½ Hidden Service Set Identifier (SSID)
ï¿½ Multiple SSID enables several parallel WLAN networks within one access point infrastructure

Service and Installation

ï¿½ 4 LEDs signalling the current state of operation
ï¿½ Central configuration via web configurator
ï¿½ Central system journal
ï¿½ Central cluster administration
ï¿½ Whirring alternatively from below (cable duct) or from above (suspended ceiling)

Technical Data

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ï¿½ Authentication of stations with RADIUS 802.1x server
ï¿½ WPA2 with asymmetric encryption
ï¿½ White list for allowed WLAN stations for up to 64 MAC address entries
ï¿½ 64-entry associated stations list
ï¿½ Hidden Service Set Identifier (SSID)
ï¿½ Multiple SSID enables several parallel WLAN networks within one access point infrastructure
ï¿½ Power supply: Power over Ethernet IEEE 802.3af,class 0 or 230 V AC-adapter
ï¿½ Ambient temperature: -5°C to +45°C
ï¿½ Relative humidity: 0 to 95% (non-condensing)
ï¿½ Storage temperature: -40°C to +70°C
ï¿½ Current consumption: 150mA
ï¿½ Type of ingress protection:IP 20
ï¿½ Flame resistance UL94 V0-5VB
ï¿½ Wall-mountable
ï¿½ Colour: ice grey
ï¿½ Dimensions (W x H x D):195 x 200 x 30 mm (without antenna) Technical Data

Requirements

ï¿½ DHCP
ï¿½ TFTP

Please Enquire