



DESCRIPTION

SMART Access Point

A DECT CATiQ certified multicell base station for up to 10 simultaneously ongoing call incl. secure messaging. SMART AP is designed for highest possible speech quality with standardized SIP signaling.

Made with security in mind with redundancy and failover as critical components as well as secure and encrypted voice.

No need for centralized server. All the features are hosted in each base station. All communication between bases as well as SIP-server is made over the ip-network.

Connected to the LAN network and powered over PoE or thru a separate power adaptor.

Support for LAN or AIR radio sync.

SIP as media protocol with the IP-pbx or SIP server.

TECHNICAL DATA

- World Wide DECT support
 - EMEA 1880-1900MHz
 - LATAM 1910-1930
 - USA 1920-1930
- DECT GAP/CAP/CATiQ (HD Audio)
- 4 power levels
- DECT encryption (security)
- DECT ULE support (UltraLowEnergy)
- < 10 calls per base station (12 channels)
- < 254 base stations
- < 1000 phones
- 2 Antennas (fast diversity)
- Configuration via built in web server
- Central phone book via LDAP, XML eller csv.
- Support for repeaters
- Advanced alarm and messaging support
- Broadcast support

SIP

- SIPS
- RFC 2833 in-band DTMF/Out of band DTMF support
- RFC 2976 The SIP INFO method
- RFC 3261 compliance
- Digest/Basic authentication
- RFC3263 DNS SRV redundant server support.
- RFC3264 offer/answer
- RFC3326 The reason header field for SIP
- RFC 3489 STUN
- RFC3515 Refer
- RFC3581 RPORT
- RFC3842, 3265 MWI
- RFC3892 SIP referred by mechanism
- RFC3690 Early media

Network:

- 10/100Mbit
- 802.3 af (class 2)
- mDNS
- http/https/tftp/dhcp/vlan/tcp/udp/ip/sntp/SIP 2.0 (RFC 3261)/ntp/dns/tls
- QoS via 802.1 p/q, ToS and DiffSrv.
- IPv4, IPv6 HW support
- IEEE 1588 LAN sync.
- G.711a/u, G.722, G.726

Approvals:

- IEC 60950-1:2005 (2nd Ed.) Safety
- EN 60950-1:2006 Safety
- EN 301409-1 V1.9.1. EMC EU
- EN 301409-6 V1.3.1. EMC AU/NZ
- EN301406 (TBR6) SAR AU/NZ
- EN30176 -2 (TBR10)
- FCC Part 15D, conducted and radiated
- FCC part 15B
- RSS 213
- FCC OET Bulletin 65, Supplement IC, RSS 102 issue 2.
- EN 55024
- IEC60945

Environmental conditions

- Operating temperature: -10 to +50 degrees

Physical data:

- Color: White
- Size HxBxD 145x140x37mm
- Weight: 300 gram
- Connector: 1 x RJ45
- Power: PoE (802.3af class 2) or separate power adapter.