

2211020151

IP DECT Server & Base KWS400 1G9 System, up to 12 Handsets

IP DECT server and base station for cordless communication in Zenitel ACM systems, supporting up to 12 handsets.

- Supports up to 12 DECT handsets
- 1G9 DECT frequency version
- Radio coverage for a single base station
- Supports up to three DECT repeaters to extend coverage
- Dynamic Channel Selection and Allocation (DCS) to reduce radio interference
- Encrypted DECT radio communication
- Synchronisation via air or LAN
- Integration with compatible Zenitel ACM systems
- PoE power supply or optional external power supply
- Support up to 19 additional IP DECT Base Stations

Description

IP DECT Server KWS400 for cordless communication

The IP DECT Server & Base KWS400 System is a 1G9 DECT solution for cordless communication in Zenitel ACM systems. It supports up to 12 handsets and provides radio coverage through a single base station.

The system uses Dynamic Channel Selection and Allocation (DCS) to reduce radio interference and select suitable radio channels for communication. Encrypted DECT radio communication and synchronisation via air or LAN are supported.

The KWS400 integrates with the ACM Analog System, ACM Standard Integrated System and ACM Advanced Integrated System. DECT cordless phones, VMP intercoms and analogue telephones can access ACM services.

Radio coverage can be extended using compatible DECT repeaters. These require a power connection but do not require a separate network connection. The existing product documentation specifies coverage of up to 50 m indoors and 150 m outdoors, although actual coverage depends on the environment. Rooms below deck with steel walls, floors and ceilings can be particularly difficult to cover.

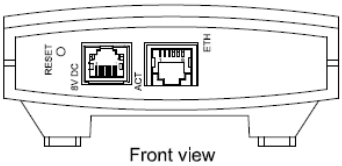
The server connects to the ACM system over the IP data network. Each DECT phone requires a SIP user licence in the ACM system. The unit can be powered via PoE or an external power supply, subject to the final product configuration.

Technical Dimensions

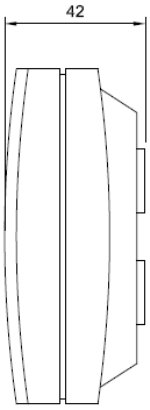
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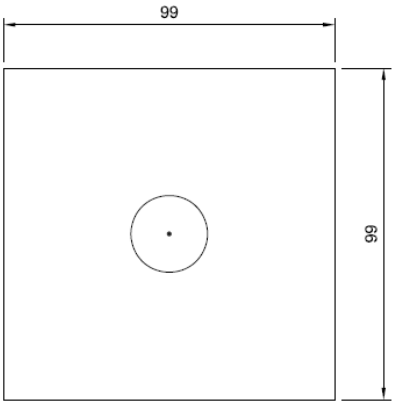
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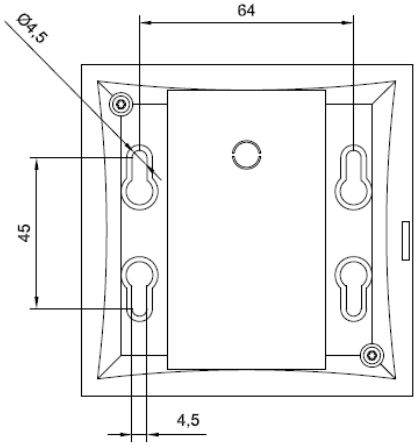
Front view



Side view



Top view



Bottom view

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Specifications

GENERAL	
Size	100 x 100 x 38 mm
Weight	0.12 kg
Codecs	G.711 A-law and µ-law; G.726 (32 Kbps - 4 bit ADPCM)
Electrical Requirements	PoE or Optional external power supply (power supply must be ordered separately)
Typical range	Indoor: 20 - 50 m, Outdoor: 300 m.
Frequency Range	1920-1930 MHz

Accessories



SW License KWS400, 12 Handsets

Software licence for the KWS400 IP DECT system, listed for use with up to 12 handsets.

Item Number: 2211020135

Used With



DECT repeater 4-ch, multi-cell 1G9 with power supply

DECT repeater

Item Number: 2211050109

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