

# COMfortel® WS-400 IP



Professional IP DECT server with 6 VoIP channels to a SIP-based ICT system, for 12 (or optionally: up to 30) handsets



- Delivers high-quality and secure communication throughout the company
- Optimal availability of employees due to increased site mobility
- Flexible wireless coverage with up to 4 DECT radio cells COMfortel® WS-Base
- Registration of up to 30 handsets
- Up to 12 simultaneous voice channels between IP DECT server and the PBX

## Your advantages in detail

This scalable IP DECT server with integrated radio base is easy to install. Depending on extension level, it can support up to 30 handsets and 12 VoIP channels. When the multi-cell function is enabled, three more DECT wireless cells can be added to the COMfortel WS-400 IP to cover a larger area, so employees can be contacted at any time, anywhere on the company premises. Its professional functions, such as access to address books or scalability from 1 to 4 radio cells, makes this system the first choice for small and medium-sized companies.

Its basic version works as a single-cell server for up to 12 DECT handsets, handling 6 simultaneous conversations. However, when enabled, it can be extended to become an IP DECT multi-cell server for up to 30 handsets and 12 VoIP channels. The entire IP DECT wireless system consists of the COMfortel WS-400 IP server, COMfortel WS-Base base stations (when extended to a multi-cell system), COMfortel WS-R2/R4 repeaters and COMfortel M-100/M-210/M-310 DECT handsets.

# Features at a glance

## PHONE FEATURES

- Registration of up to 12 wireless users
- 6 simultaneous VoIP channels to the ICT system
- Multi-cell operation as an activation option
- High-quality and secure voice communication
- Web UI for administration and maintenance of the entire infrastructure
- Support for provisioning of configuration and user data through HTTP/HTTPS/TFTP for the entire installation incl. handsets
- Central administration of over-the-air handset firmware upgrades (COMfortel M-100, M-210, M-310)
- Prioritisation of voice traffic (DiffServ)
- Tone dialling during a call (according to RFC 2833)
- VLAN support based on IEEE 802.1q/p
- VoIP codecs G.711 (µ-Law/A-Law) and G.726
- Easy wall and ceiling mounting

## UPGRADE MULTI-CELL SYSTEM

- Registration of up to 30 handsets possible
- 12 simultaneous voice calls to the ICT system
- Option to extend the radio coverage with 3 additional base stations (COMfortel WS-Base)
- Seamless Handover – uninterrupted voice calls when roaming between radio cells in a multi-cell environment

## COMPATIBLE PRODUCTS

- 90160 / COMfortel® M-210
- 90344 / COMfortel® M-310
- 90075 / COMfortel® PoE-100
- 90145 / COMfortel® WS-Base
- 90152 / COMfortel® WS-R2

- 90146 / COMfortel® WS-R4
- 90118 / COMpact 4000
- 90334 / COMpact 5200
- 90335 / COMpact 5200R
- 90336 / COMpact 5500R
- 90670 / COMmander® 6000
- 90671 / COMmander® 6000R
- 90672 / COMmander® 6000RX
- 90337 / COMfortel® M-100

## TECHNICAL SPECIFICATIONS

- System connection: Ethernet 10/100 Base-T
- Power supply: Power over Ethernet (PoE, IEEE 802.3af compliant) or plug-in power supply 8 V (optional)
- Power consumption: 2.8 W min. | 6.5 W max.
- Maximum number of handsets: 12 | 30<sup>1</sup>
- Maximum number of bases COMfortel WS-Base: 3<sup>1</sup>
- Maximum number of repeater COMfortel WS-R2/R4: 3
- VoIP protocol: SIP, RFC 3261 compliant
- VoIP codecs: G.711, G.726 | G.711, G.726, G.729<sup>1</sup>
- Maximum number VoIP channels: 6 | 12<sup>1</sup>
- Case: plastic
- Colour: white
- Dimensions (w x h x d): 100 mm x 100 mm x 38 mm
- Weight: approx. 120 g
- Compliance: CE

## DELIVERY

- COMfortel WS-400 IP
- Mounting hardware (screws and dowels)
- Setup Guide (German/English)

<sup>1</sup> Depending on the setup of the COMfortel WS-400 IP and the PBX system. When using further COMfortel WS-Base, the activation of the COMfortel WS-400 IP to a multi-cell server is necessary!

## ORDERING INFORMATION

Designation: COMfortel® WS-400 IP

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