

# COMfortel® 3600 IP



High-end Android™-based telephone (SIP and IP system phone), with 5" colour touch display and answering machine



- Synchronisation of address books and calendars with Google™ services, Apple® iCloud and Microsoft® Exchange
- Excellent acoustic properties due to wideband audio and artificial bandwidth extension for narrowband calls
- Standard Android™ operating system allows the use of company-specific applications
- Powerful CPU
- Bluetooth interface for presence detection and headset connection

## Your advantages in detail

No matter whether you use it as a standard SIP or IP system telephone, the COMfortel 3600 IP is the ideal supplement to modern VoIP solutions. With its pioneering operating concept, which includes gesture control, this model can be operated not only by keyboard commands, but also like a smartphone, from its high-resolution 5 inch colour touch display!

To synchronise your calendar, contact data and e-mails directly with your telephone, simply use the push services from your Google™ account, the Telekom-Cloud or a Microsoft® Exchange account. This keeps

your telephone address book up-to-date with your Outlook address book, and you can see your schedules at a glance via a widget.

Five freely assignable screens provide enough space for more apps, and you can always connect your headset, whether it's cordless (e.g. a EHS device) or not. Up to three key extension modules (COMfortel Xtension300) can be added to the COMfortel 3600 IP to extend its capacity to 105 function keys. It also has several dynamic keys that can be programmed directly in the display as touch function keys.

# Features at a glance

## SYSTEM AND COMFORT FEATURES

- 15 programmable function keys, 2 levels
- Presence detection via Bluetooth®
- Automatic background illumination with adjustable brightness and switch-on time
- Individual background images and ring tones loadable
- Ringtone, handset and hands-free speaker volume adjustable
- Artificial voice bandwidth extension for consistently improved voice quality and intelligibility
- Microphone mute
- Calling number and name display (CLIP/CNIP) if registered in the local and the central phone book of the proprietary ICT system
- Online name search (reverse search), with proprietary ICT systems
- Phone book, >2,000 entries local
- Access to the central phonebook of the proprietary ICT system
- 100 list entries for callers, outgoing calls and redialling
- Power-safe mode
- Telephone lock, emergency calls possible
- Set-up angle adjustable in 3 steps

## VOICEMAIL

- Announcements (25) and messages (250)
- Call acceptance and announcement dependent on type of call (int./ext./door/group)
- Total capacity depends on the used memory (1 GB represent approx. 30 h recording capacity)
- Voice recording and notepad function
- High-quality audio due to uncompressed recording
- Activation via function keys of the telephone
- Voice control
- Remote activation and message forwarding

## ANDROID OPERATING SYSTEM

- Innovative operating concept with touch, key and gesture control
- Alphanumeric Android keyboard via touch display
- Synchronisation incl. push of contacts, calendar and e-mail with e. g. Microsoft® Exchange, Apple® iCloud or Google™ services

- Free allocatable screens for apps, contacts and widgets
- Individualization with purchased or self-programmed apps

## IP FEATURES

- 100 accounts, useable with 10 providers, 1 account max. as system telephone
- SIP compliant (RFC 3261)
- Encrypted signalling (SIPS), RFC3261
- Encrypted speech data transmission (SRTP), RFC 3711 and RFC 4568
- Transport Layer Security (TLS)
- HTTP/HTTPS webserver integrated
- VPN client integrated (IPsec, OpenVPN)
- Integration of external subscribers, e. g. home offices, subsidiaries
- Digest authentication (MD5)
- VoIP codec G.722 (wideband) with supporting hardware, e.g. COMpact ICT systems (firmware from 7.2), Asterisk or IP-Centrex solutions
- VoIP codecs G.711 µ-Law/a-Law and iLBC
- VoIP codec preselection
- Prioritisation of voice data (Diff Serv)
- High audio quality with echo cancellation
- Tone dialling during a call (RFC 2833, SIP Info, In-Band)
- Busy Lamp Field (BLF)
- Date and time via NTP
- LDAP
- Device control via action URLs possible
- Support of IP cameras, incl. PTZ control
- VLAN support (IEEE 802.1q)
- STUN (UDP over NAT)
- Mass roll outs via provisioning server (HTTP, HTTPS, FTP and TFTP)
- Power over Ethernet possible (PoE, IEEE802.3af)

## COMMUNICATION PLATFORMS

- Asterisk Solutions
- IP-Centrex solutions, Hosted PBX
- Broadworks by Broadsoft

## COMPATIBLE PRODUCTS

- 16118 / COMpact 4000

- 16119 / COMpact 4000 UK
- 16334 / COMpact 5200
- 16335 / COMpact 5200R
- 16336 / COMpact 5500R
- 16339 / COMpact 5500R UK
- 16670 / COMmander® 6000
- 16671 / COMmander® 6000R
- 16672 / COMmander® 6000RX
- 16584 / COMfortel® Xtension300
- 90346 / COMfortel® H-100 analog
- 16347 / COMfortel® H-200
- 16668 / COMfortel® DECT Headset
- 16348 / COMfortel H-500
- 16079 / COMfortel® PoE-1000
- 16074 / COMfortel® PoE-1000 UK

## TECHNICAL SPECIFICATIONS

- Power supply: Power supply with Euro plug, 230 V +/-10 %, 50 Hz or Power over Ethernet (PoE according IEEE 802.3af, Class 0)
- Power consumption: 3.3 W min. | 14 W max.
- Ethernet ports: 2 port Ethernet switch 10/100/1000 Base-T
- System connection: Ethernet 10/100/1000 Base-T
- Key extension modules: up to 3 COMfortel Xtension300 modules, each with 30 function keys with 2 levels
- Headset: separate interface for corded and cordless speaker/microphone sets, also with EHS support

- Bluetooth®: Bluetooth® 2.1 + EDR
- Operating elements: dialling keys with vanity code, 12 function keys, 15 programmable function keys (2 levels)
- Memory: internal: approx. 3 GB, external: SD/SDHC card and USB stick, up to 16 GB recommended, not included
- Display: TFT colour display (5" / 12.7 cm, 800 x 400 pixels) with capacitive touch and 65,536 colours
- LEDs: 18, some multi-coloured
- Handset: wideband audio, electret-microphone, dynamical loudspeaker, hearing aid compatible
- Hook switch: magnetically switching contact
- Loudspeaker: 8 Ohm, Ø 52 mm
- Case: plastic
- Colour: black
- Dimensions (w x h x d): 275 mm x 128/150/170 mm x 210 mm
- Weight: approx. 1,200 g (telephone), approx. 130 g (power supply)
- Compliance: CE

## DELIVERY

- Basic unit
- Handset with connection cable
- ISDN cable RJ-45/RJ-45
- Power supply unit
- Microfiber cloth
- Installation manual and quick start guide

## ORDERING INFORMATION

Designation: **COMfortel® 3600 IP**

Article number: **16362**

EAN Code: **4019377163627**