# OpenScape Desk Phone IP family

Enabling vibrant conversations at the desktop with user-friendly, full-featured, cost-effective IP phones.

## Vibrant conversations at the desktop

The modern, space-efficient and ergonomically designed OpenScape Desk Phone IP family delivers an intuitive, user-friendly communications experience in a cost-effective, feature-rich IP phone. Complemented by simple deployment, crystal clear HD audio, and built-in Gigabit Ethernet, the OpenScape Desk Phone IP family delivers future-proof, productivity-focused communications capabilities, making it best in class for value in desktop communication.

The OpenScape Desk Phone IP family is a highly-usable, ergonomically designed IP device built with the needs of the knowledge worker in mind.

Offering fast and easy access to high-demand telephony features, these phones are all about productivity.

Their notably small footprint and flexible placement options means they meet many location scenarios.

Produced with our high definition AudioPresence™ technology for crystal clear audio, conversations are clearer for improved overall call quality. Plus, using industry leading green-IT technology in its construction means users have an environmentally friendly, energy efficient device that reduces operating costs.

Through interoperability with other devices and secure, multimodal access to various services and applications, users and administrators can customize the devices to their needs, ultimately empowering users to be more productive sooner.

With built-in Gigabit Ethernet, users can include powerful UC communications capabilities at the desktop while future proofing network infrastructure requirements.

Plus, the ergonomic design, user-centric features including headset connectivity, and multi-line options make the OpenScape Desk Phone IP family ideal for both standard and power knowledge workers.

The **OpenScape Desk Phone IP 35G** and **OpenScape Desk Phone IP 55G** telephones have been certified with the German BLUE ANGEL label.

THE BLUE ANGEL is the first and oldest environment-related label for products and services.

The proprietor of this environmental label is the German Federal Ministry for the Environment, Nature Protection and Reactor Safety.

Unify is the first company to fulfill the high standards of THE BLUE ANGEL in protecting the environment and the climate with its VoIP telephones. That is achieved by high energy efficiency, efficient use of materials as well as an environmentally friendly recycling concept.

Further information can be found here:

http://www.unify.com/de/about/green-enterprise.aspx

http://www.blauer-engel.de/en/products_brands/search_products/produkttyp.php?id=559

*Experience ...*
*AudioPresence*<sup>TM</sup>

**HD**

The OpenScape Desk Phone IP 35G and OpenScape Desk Phone IP 55G telephones offer Best-In-Class High Definition Voice – **AudioPresence**<sup>TM</sup> **HD**.

AudioPresence<sup>TM</sup> HD ensures that all OpenScape Desk Phone IP 35G and OpenScape Desk Phone IP 55G telephone users can get an immersive audio experience for voice calls and audio conferences. Audio-Presence<sup>TM</sup> HD is provided across the entire portfolio of the OpenScape Desk Phone IP family.

AudioPresence<sup>TM</sup> HD leverages the standards-based G.722 high-definition audio codec, best-in-class speaker, microphone and acoustic components, as well as advanced noise rejection and echo cancellation on all Desk Phone IP models.

## OpenScape Desk Phone IP 35G variants

**OpenScape Desk Phone IP 35G
carbon black, text variant**

**OpenScape Desk Phone IP 35G
carbon black, icon variant**

**OpenScape Desk Phone IP 35G
pure white, icon variant**

# OpenScape Desk Phone
# IP 55G variants



**OpenScape Desk Phone IP 55G
carbon black, text variant**



**OpenScape Desk Phone IP 55G
carbon black, icon variant**



**OpenScape Desk Phone IP 55G
pure white, icon variant**

## Open Scape Desk Phone IP family - technical data

| | OpenScape Desk Phone IP 35G | OpenScape Desk Phone IP 55G |
|---|---|---|
| **Display** | | |
| Display | 2 lines, 205 x 41 pixels | 320 x 240 pixels (QVGA) <br> 14.5 cm (5.7 inches) TFT, 65k colors |
| **Keys/LEDs** | | |
| Fixed function keys | 10 (6 with red LEDs) | 14 (9 with red LEDs) |
| Freely programmable keys (illuminated) | 3 keys with red LEDs | 8 keys with red LEDs |
| Optical call alert | Yes | Yes |
| Message waiting LED | Yes | Yes |
| Volume adjustment | +/- key | +/- key |
| Navigation element | 3-way navigator plus "OK" | 4-way navigator plus "OK" |
| **Multi-line** | | |
| Number of lines | 3 | 8 <br> Maximum of 30 lines <br> with 2 x OpenScape Key Module 55 |
| **Interfaces** | | |
| Headset jack for corded/cordless headsets | Yes | Yes |
| Integrated Gigabit Ethernet switch | Yes | Yes |
| USB port | No | Yes |
| **Certifications** | | |
| General | CE mark <br> UL-listed mark | |
| Safety | IEC 60950-1 <br> EN 60950-1 <br> UL 60950-1 <br> CAN/CSA 22.2 No. 60950-1 | |
| EMC | EN 55022 Class B <br> EN 55024 <br> EN 61000-3-2 <br> EN 61000-4-11 <br> FCC Part 15 (CFR 47) Class B | |
| Connection/Transmission | TBR 8 <br> FCC Part 68/CS-03 <br> TIA/EIA-810A <br> TIA/EIA-504A | |
| Environment | BLUE ANGEL label | |
| **Audio** | | |
| G.711 (64 Kbit/s a/μ law) <br> G.722 (64 Kbit/s) <br> G.729AB (8 Kbit/s) | Yes <br> Yes (AudioPresence™) <br> Yes | Yes <br> Yes (AudioPresence™) <br> Yes |
| Open listening | Yes | Yes |
| Full-duplex hands-free | Yes | Yes |
| Echo canceling for local echo (AEC) <br> Full duplex | Yes | Yes |

|  | OpenScape Desk Phone IP 35G | OpenScape Desk Phone IP 55G |
|---|---|---|
| **Applications** | | |
| Telephony | Yes | Yes |
| Personal phonebook | Yes, up to 100 entries | Yes, up to 1,000 entries |
| LDAP access to (corporate) directories | Yes | Yes |
| Call Log | Yes | Yes |
| XML application support | No | Yes |
| **Security features** | | |
| Layer 2 authentication (IEEE 802.1x) | Yes | Yes |
| Payload encryption via SRTP | Yes | Yes |
| SIP signaling via TLS encryption | Yes | Yes |
| Support of digital certificates (X.509 V3) | Yes | Yes |
| HTTPS | Yes | Yes |
| **Network** | | |
| LLDP-MED | Yes | Yes |
| QoS (DiffServ and IEEE 802.1Q) | Yes | Yes |
| IEEE 802.1Q VLAN tagging & prioritization | Yes | Yes |
| Support of IP V6 | Yes (dual stack) | Yes (dual stack) |
| **Power supply** | | |
| External power supply unit (EU, US or UK) | Yes | Yes |
| Power over LAN: IEEE 802.3af | Yes | Yes |
| PoE class | Class 2 | Class 3 |
| Consumption data after annual load cycle according to RAL-UZ 150 | 28.1 kWh | 32.4 kWh |
| **Technical data** | | |

| Dimensions [mm] | **Angle** | **Depth** | **Width** | **Height** | **Angle** | **Depth** | **Width** | **Height** |
|---|---|---|---|---|---|---|---|---|
| | 41° | 200 | 185 | 176 | 41° | 200 | 255 | 186 |
| | 45° | 190 | 185 | 184 | 45° | 190 | 255 | 197 |
| | 50° | 178 | 185 | 193 | 50° | 178 | 255 | 211 |
| | 54° | 170 | 185 | 199 | 54° | 170 | 255 | 220 |

| | | |
|---|---|---|
| Weight [kg] | 0.750 | 1.150 |
| Color | Carbon black, pure white | Carbon black, pure white |
| Storage conditions | -40 °C to +70 °C (-40 °F to 158 °F) | -40 °C to +70 °C (-40 °F to 158 °F) |
| Operating conditions | +5 °C to +40 °C (41 °F to 104 °F) | +5 °C to +40 °C (41 °F to 104 °F) |
| **Platform support** | | |

The OpenScape Desk Phone IP family supports OpenScape Voice, OpenScape Business, OpenScape Office MX and Asterisk open source PBX.

# Open Scape Desk Phone IP family – accessories and options

The OpenScape Desk Phone IP phones are configurable to the requirements of each customer by offering the following accessories and options:

## Wideband headset support

Wired: 4-pin and 8-pin

Wireless: DECT via base station wired to the phone.

Information on recommended headsets can be found at: http://wiki.unify.com/wiki/Headsets

## Conference unit support

Connected via cable to the headset jack.

Information on recommended conference units can be found at: http://wiki.unify.com/wiki/Conference_Unit

## Key label customization

**OpenScape Desk Phone IP 35G**

To customize the three programmable keys, pre-cut labels can be inserted between the phone and the clear plastic cover foil. These pre-cut labels can be ordered in both black and white color.

In addition, clear plastic cover foils can be separately ordered. They are available in both black and white color.

**Note:** For labeling the three programmable keys, a key labeling tool is available on the Unify devices wiki for printing on the blank perforated paper inlays. Visit: http://wiki.unify.com/wiki/KLT

**OpenScape Desk Phone IP 55G**

The feature keys provide self labeling through LCD displays. Two programmable levels are available.

## Power supply

An external power supply, ordered separately, is required if the customer's LAN does not provide PoE support. Three different connector versions are available (EU, GB and US versions).

## Wall-mount option

**OpenScape Desk Phone IP 35G**

The OpenScape Desk Phone IP 35G can be wall-mounted without an extra kit by appropriately mounting the bracket onto the phone (see installation guide) and attaching it to a wall-mount plate.

**Note:** For wall mounting, a special extra short IP cable (25 cm / 10 inches) needs to be ordered.

**OpenScape Desk Phone IP 55G**

For OpenScape Desk Phone IP 55G, it is recommended to use the available wall-mount kit (separate order position).

## Accessories for OpenScape Desk Phone IP 55G

**Key Module**

The OpenScape Key Module 55 provides 12 additional programmable feature keys for the OpenScape Desk Phone IP 55G.

- The key labels are provided through an LCD display and can be programmed.
- Up to two key modules can be used.
- For wall-mount operation, a separate wall-mount kit is required.
- Available in carbon black and pure white color



**OpenScape Key Module 55**

## XML applications

The OpenScape Desk Phone IP 55G supports the integration of applications via its XML applications platform. More detailed information can be found at: http://wiki.unify.com/wiki/XML_Applications

## Executive/Assistant (E/A) configuration

E/A configurations provide support to executives by streamlining the assistants' call handling workflows for one or more assistants. Assistants control and manage calls for executives without compromising privacy. The OpenScape Desk Phone IP 55G supports the Executive/Assistant (E/A) features of the OpenScape Voice system.

## Video

The OpenScape Desk Phone IP 55G supports video calls via UVC-compliant USB cameras using the H.263 codec. The basic call features, such as hold, retrieve, mute, and consult, support video transmission.

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