



# OpenScape Desk Phone IP product family

Vibrant communication at the desktop with user-friendly, multifunctional and economical IP telephones.

## Vibrant communication at the desktop

The modern, space-saving and ergonomic OpenScape Desk Phone IP product family offers economical and multifunctional IP telephones for an intuitive and user-friendly communication experience. In addition, the OpenScape Desk Phone IP product family features easy implementation, crystal clear sound in HD quality and an integrated Gigabit Ethernet, and provides communication capabilities geared toward productivity for years to come - making available a first-rate assistant at the desktop.

The OpenScape Desk Phone IP product family encompasses ergonomically designed IP devices for a wide range of uses that were specifically developed for the needs of knowledge workers.

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 the integrated Gigabit Ethernet, users can take advantage of powerful UC communication functions at the desk, while the devices will be able to accommodate developments in the network infrastructure well into the future.

In addition, the ergonomic design, the functions that are fully aligned with customer requirements (such as headset connectivity), and the multi-line options of the OpenScape Desk Phone IP product family ensure that these devices are ideally suited for both standard use and for the more demanding requirements by knowledge workers.

OpenScape Desk Phone IP 35G and OpenScape Desk Phone IP 55G are available as SIP and HFA variants.



The **OpenScape Desk Phone IP 35G (SIP)** and **OpenScape Desk Phone IP 55G (SIP)** telephones have been awarded THE BLUE ANGEL label in Germany.

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 whose VoIP telephones fulfill the high standards of THE BLUE ANGEL in protecting the environment and the climate. This is accomplished through their high energy efficiency, the efficient use of materials and the environmentally friendly recycling strategy.

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

Experience ...  
AudioPresence™



The OpenScape Desk Phone IP product family offers the industry's leading HD voice transmission - **AudioPresence™ HD**.

AudioPresence™ HD ensures that the users of these telephones can get an immersive audio experience for voice calls and audio conferences. AudioPresence™ HD is provided for the entire portfolio of the OpenScape Desk Phone IP product family.

AudioPresence™ 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

## Technical data

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

	OpenScape Desk Phone IP 35G	OpenScape Desk Phone IP 55G						
<b>Applications</b>								
Telephony	Yes	Yes						
Personal phone book	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						
<b>Security features</b>								
Layer 2 authentication (IEEE 802.1x)	Yes	Yes						
Payload encryption via SRTP	Yes	Yes						
Signaling via TLS encryption	Yes	Yes						
Support of digital certificates (X.509 V3)	Yes	Yes						
HTTPS	Yes	Yes						
<b>Network</b>								
LLDP-MED	Yes	Yes						
QoS (DiffServ and IEEE 802.1Q)	Yes	Yes						
IEEE 802.1Q VLAN tagging & prioritization	Yes	Yes						
Support of IP V6 (SIP telephones only)	Yes (dual stack)	Yes (dual stack)						
<b>Power supply</b>								
External power supply unit (in EU, US or UK version)	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						
<b>Technical data</b>								
Dimensions [mm]	<b>Angle</b>	<b>Depth</b>	<b>Width</b>	<b>Height</b>	<b>Angle</b>	<b>Depth</b>	<b>Width</b>	<b>Height</b>
	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 °C to +70 °C			
Operating conditions	+5 °C to +40 °C				+5 °C to +40 °C			
<b>Platform support</b>								
Supported platforms:								
<ul style="list-style-type: none"> <li>• SIP telephones: OpenScape Voice, OpenScape Business, OpenScape Office MX, Asterisk Open Source PBX</li> <li>• HFA telephones: OpenScape Business, OpenScape 4000</li> </ul>								

## 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>

### Support for conference unit

Connected via cable to the headset jack. Information on recommended conference units can be found at: [http://wiki.unify.com/wiki/Conference\\_Unit](http://wiki.unify.com/wiki/Conference_Unit)

### Customized key labeling

#### 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 films can be ordered separately. They are available in both black and white color.

**Note:** For labeling the three programmable keys, a key labeling tool is available on the Communications' 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).

### Optional wall mounting

#### OpenScape Desk Phone IP 35G

The OpenScape Desk Phone IP 35G can be mounted on the wall entirely without a mounting kit. The wall holder merely needs to be correctly attached to the telephone (see installation instructions) and then connected to a wall mounting panel.

**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 that you use the available wall-mount kit (separate order item).

## 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](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 E/A functions (Executive/Assistant) of OpenScape platforms.

## **Video**

The OpenScape Desk Phone IP 55G (SIP) 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.

## **OpenStage Gate View**

The OpenStage Gate View solution enables the transmission of video data from a monitoring camera to the display of OpenScape Desk Phone IP 55G (HFA) phones.

This way, a perfect video monitoring solution is provided for many situations, e.g., for monitoring of doors or parking areas.

Detailed information can be found here: [http://wiki.unify.com/wiki/openStage\\_Gate\\_View](http://wiki.unify.com/wiki/openStage_Gate_View)

