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 user guidance, 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.

SIP and HFA protocol

All OpenScape Desk Phones are available as SIP and HFA variants.

The **OpenScape Desk Phone IP 35G (Eco) SIP** and **OpenScape Desk Phone IP 55G SIP** telephones have been awarded the "Blue Angel" 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.
We are the first company to fulfill the high standards of THE BLUE ANGEL in protecting the environment and the climate with its VoIP telephones. This is accomplished through their high energy efficiency, the efficient use of materials and the environmentally friendly recycling strategy.
Further information can be found at:
http://www.unify.com/de/about/green-enterprise.aspx
http://www.blauer-engel.de/de/produkte_marken/produktsuche/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 models

OpenScape Desk Phone IP 35G (Eco):
Carbon black, text variant

OpenScape Desk Phone IP 35G (Eco):
Carbon black, symbol variant

OpenScape Desk Phone IP 55G models

OpenScape Desk Phone IP 55G:
Carbon black, text variant

OpenScape Desk Phone IP 55G:
Carbon black, symbol variant

Technical data

	OpenScape Desk Phone IP 35G	35G Eco	OpenScape Desk Phone IP 55G
Display			
Display	2 lines, 205 x 41 pixels		320 x 240 pixels (QVGA) 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	+/- keys		+/- keys
Navigation element	3-way navigator plus "OK"		4-way navigator plus "OK"
Multi-line			
Number of lines	3		8 Maximum 30 lines 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
Certification			
General	CE mark UL Listing mark		
Security	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		
THE BLUE ANGEL environmental certification	Yes	Yes	Yes
Audio			
G.711 (64 Kbit/s a/µ law) G.722 (64 Kbit/s) G.729AB (8 Kbit/s)	Yes Yes (AudioPresence™) Yes		Yes Yes (AudioPresence™) Yes
Open listening	Yes		Yes
Full duplex handsfree	Yes		Yes
Echo canceling for local echo (AEC), full duplex	Yes		Yes

	OpenScape Desk Phone IP 35G	35G Eco	OpenScape Desk Phone IP 55G
Applications			
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
Security features			
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
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 (SIP telephones only)	Yes (dual stack)		Yes (dual stack)
Power supply			
External power supply unit	Yes		Yes
Power over LAN: IEEE 802.3af	Yes		Yes
PoE class	Class 2	Class 1	Class 3
Consumption data after annual load cycle according to RAL-UZ 150	28.1 kWh	21.6 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	Carbon black	Carbon black
Storage conditions	-40 °C to +70 °C (-40 °F to +158 °F)		
Operating conditions	+5 °C to +40 °C (+41 °F to +104 °F)		
Supported platforms			

- SIP telephones: OpenScape Voice, OpenScape Business, OpenScape Office MX (not 35G Eco), Asterisk Open Source PBX
- HFA telephones: OpenScape Business, OpenScape 4000

Accessories and options

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

Support of wideband headsets

Hard-wired:
4-pin and 8-pin (incl. EHS)

Wireless:
DECT via base station connected with the telephone via a cable

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

Customized key labeling

OpenScape Desk Phone IP 35G (Eco)

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

In addition, clear plastic cover films can be ordered separately. They are offered in black.

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. Various connection versions are available.

Optional wall installation

OpenScape Desk Phone IP 35G (Eco)

The OpenScape Desk Phone IP 35G (Eco) 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.

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

E/A configuration (executive/ assistant)

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 (SIP) 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.

Notes

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