



# 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.



OpenScape Desk Phone IP 35G



OpenScape Desk Phone IP 55G

## Open Scape Desk Phone IP Family - 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 pixel (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	+/- key	+/- key
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
<b>Certifications</b>		
General	CE mark UL-listed 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	
<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) full duplex	Yes	Yes
<b>Applications</b>		
Telephony	Yes	Yes
Personal phonebook	Coming soon	Yes, for up to 1,000 entries
LDAP access to (corporate) directories	Coming soon	Yes
Call Log	Yes	Yes
XML application support	No	Yes

	OpenScape Desk Phone IP 35G	OpenScape Desk Phone IP 55G																																								
<b>Security features</b>																																										
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																																								
<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	Yes (dual stack)	Yes (dual stack)																																								
<b>Power supply</b>																																										
External power supply unit (EU, US or UK)	Yes	Yes																																								
Power over LAN: IEEE 802.3af	Yes	Yes																																								
PoE class	Class 2	Class 3																																								
<b>Technical data</b>																																										
Dimensions [mm]	<table border="1"> <thead> <tr> <th>Angle</th> <th>Depth</th> <th>Width</th> <th>Height</th> </tr> </thead> <tbody> <tr> <td>41°</td> <td>200</td> <td>185</td> <td>176</td> </tr> <tr> <td>45°</td> <td>190</td> <td>185</td> <td>184</td> </tr> <tr> <td>50°</td> <td>178</td> <td>185</td> <td>193</td> </tr> <tr> <td>54°</td> <td>170</td> <td>185</td> <td>199</td> </tr> </tbody> </table>	Angle	Depth	Width	Height	41°	200	185	176	45°	190	185	184	50°	178	185	193	54°	170	185	199	<table border="1"> <thead> <tr> <th>Angle</th> <th>Depth</th> <th>Width</th> <th>Height</th> </tr> </thead> <tbody> <tr> <td>41°</td> <td>200</td> <td>255</td> <td>186</td> </tr> <tr> <td>45°</td> <td>190</td> <td>255</td> <td>197</td> </tr> <tr> <td>50°</td> <td>178</td> <td>255</td> <td>211</td> </tr> <tr> <td>54°</td> <td>170</td> <td>255</td> <td>220</td> </tr> </tbody> </table>	Angle	Depth	Width	Height	41°	200	255	186	45°	190	255	197	50°	178	255	211	54°	170	255	220
Angle	Depth	Width	Height																																							
41°	200	185	176																																							
45°	190	185	184																																							
50°	178	185	193																																							
54°	170	185	199																																							
Angle	Depth	Width	Height																																							
41°	200	255	186																																							
45°	190	255	197																																							
50°	178	255	211																																							
54°	170	255	220																																							
Weight [kg]	0.750	1.150																																								
Color	Carbon black	Carbon black																																								
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)																																								
<b>Platform support</b>																																										
The OpenScape Desk Phone IP family supports OpenScape Voice and Asterisk.																																										

## 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](http://wiki.unify.com/wiki/Conference_Unit)

### Key label customization

#### OpenScape Desk Phone IP 35G

Pre-cut labels are included in the add pack and can be inserted between the phone and the clear plastic cover foil. One sheet (with 18 pre-cut labels) and a clear plastic cover foil plus an emergency label are included.

A 10 sheet label package can be ordered separately.

Note: For labeling the 3 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).

## Wall mount option

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) needs to be ordered.

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.

### XML applications

The OpenScape Desk Phone IP 55G supports the integration of applications via its XML applications platform.

For more information, refer to

- the wiki at:  
[http://wiki.unify.com/index.php/OpenStage\\_XML\\_Applications](http://wiki.unify.com/index.php/OpenStage_XML_Applications)
- the OpenScape developer portal at:  
<http://www.unify.com/developerportal/>

### 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.



OpenScape Key Module 55

Copyright © Unify GmbH & Co. KG 10/2013  
Hofmannstr. 51, 81379 Munich/Germany

All rights reserved.

Reference No.: A31002-D3000-D100-3-7629

The information provided in this document contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

Availability and technical specifications are subject to change without notice.

Unify, OpenScape, OpenStage and HiPath are registered trademarks of Unify GmbH & Co. KG. All other company, brand, product and service names are trademarks or registered trademarks of their respective holders.