Information

optiPoint 150 S

The Entry-Level IP Phone for SIP

Communication for the open minded

SIEMENS

The optiPoint 150 S is a cost-effective entry model for Voice over IP telephony. You can access all key features via function keys. It is designed for seamless integration into the Siemens HiPath 8000 communication system and other SIP-based standard platforms for communication solutions in the enterprise and carrier market.

This SIP phone features key functions such as three-party conference, speaker phone, mute, redial and STUN protocol.

It is simple to operate and easy to administrate.

The optiPoint 150 S is ideally suited for environments in which basic business features are required, such as reception areas, corridors, and production facilities.

The optiPoint 150 S is easy to install and inexpensive to start up. It supports central plug&play deployment and DHCP as well as QoS mechanisms and the STUN protocol.

Overview of benefits

The optiPoint 150 S can be reliably integrated into various SIP-based network solutions. It allows users to make calls in a simple, convenient and reliable manner and has an excellent price-performance ratio.

In addition to all standard functions such as call forwarding, call deflection and conferencing, this phone also provides useful features such as address books and call journals. In other words, you are only paying for what you really need. optiPoint 150 S also helps reduce operating costs. Its plug&play functionality reduces installation time and effort, which in turn reduces future maintenance and support costs.

You can upgrade to new features simply by downloading the necessary software – which guarantees investment protection right from the outset.

The Telephone

The optiPoint 150 S features a two-line display and three dialog keys for controlling the various functions (e.g. call forwarding, hold, consultation or call waiting). The two-line display also ensures that you can view the name and phone number of the caller. This is one of the reasons why this phone is very popular for business communication in offices, sales rooms and hotels.

- 2-line alphanumeric display (16 characters each)
- 8 function keys
- 2 control keys, 3 dialog keys for user prompting
- Calling line identification
- Key telephony features such as conferencing, call forwarding, toggle
- Call lists
- Phone directory
- Open listening
- Codecs: G.711 μ-law, G.711 a-law, G.723.1, G.729 A/B
- Power over LAN according to IEEE802.3af
- Wall mountable

Features

Hardware	
Display	Two-line (2 x 16 characters)
Function keys	
Dialog keys	3
Function keys	8
Volume control keys (plus, minus)	•
Wall mountable (without expansion modules)	•
Dimensions (height * width * length in mm)	
Dimensions (mm)	69 x 166 x 214
Weight	0.705 kg
Color	Manganese
Storage conditions	Temperature range - 20°C to 60°C
Operating conditions	Operating temperature: 0°C to 45°C Humidity: 5% to 90%
Certifications	
CE certificate	•
Underwriters Laboratories (UL)	•
CB (Safety China)	•
Federal Communications Commission (FCC) Part 68 (CFR 47)	•
Federal Communications Commission (FCC) Part 15 (CFR 47) Class B	•
Electromagnetic Compatibility (EMC) (EN 55022) Class B	•
Safety of Information Technology Equipment – General Requirements for EN 60 950	•
Audio	
G.711 µ- law	•
G.711 a-law	•
G.723.1 (6.3 Kbps)	•
G.729 A/B (8 Kbps)	•
Open listening	•
Line Echo Cancellation (LEC) and Acoustic Echo Cancellation (AEC)	•
Speech pause suppression / automatic speech recognition / comfort noise	•
Voice Activity Detection (VAD)	•
Ring tone off	•
Network	
DHCP (IP address, subnet mask, TFTP address option 66)	•
IEEE802.1Q (VLAN identification and prioritization) VLAN ID	•
QoS (VLAN, TOS and DIFFSERV)	•
10/100 Base-T interface, automatic recognition	•
RJ45 jacks	1
Maximum adaptive jitter buffer	300 ms
SIP via UDP or TCP	•
STUN protocol	•
DNS SRV	•
Power supply	
External power supply unit (EU, US or UK models)	•
Power over LAN: IEEE 802.3af	•
Power over LAN class	Class 2 (3.84 ~ 6.49 watts)
Administration	
Administration via TFTP server (http or TFTP)	•
Administration via local interface (with password protection)	•

Administration via Web interface (using http with password protection)	•
Administrative activation and deactivation of functions (with password protection)	•
HTTP access authentication and MD5 support	•
Software download via TFTP	•
General functions	
Country-specific ring tones	•
On-hook dialing	•
Off-hook dialing	•
Hold call	•
Toggle	•
Call forwarding (immediately, no reply, busy)	•
Call transfer (immediately, after consultation)	•
Local three-party conference	•
Do not disturb	•
Redial	•
Message waiting indication	•
DTMF (in-band)	•
DTMF (RFC2833)	•
Local three-party conference	•
Mute	•
Phone directory	● Up to 100 entries (up to 32 characters per name & per no.) ● Configurable via LCD display or Web page
Call logging	● Missed calls (10 entries) ● Dialed numbers (10 entries) ● Answered calls (10 entries)
Ring tones	16
Numbering plan	•
Available display languages	German, English (US), French, Czech, Portuguese

For more information please go to: http://wiki.siemens-enterprise.com/index.php/optiPoint_150_S

Communication for the open minded

Siemens Enterprise Communications
www.siemens.com/open