

swissvoice IP 10S

IP phone



As a specialist in fixed network telephony, Swissvoice delivers leading-edge IP phones, offering the best quality, feature rich and price balance. Highly interoperable, all Swissvoice IP phones function as standalone products connected to a service provider IP platform or in PBX environments that support same protocols. The swissvoice IP 10S is a fully featured IP phone that supports MGCP, H323v4/H.450 and SIP⁽¹⁾ protocols. Compatible with all types of office environments, it is equipped with a real true integrated switch for a PC connection.

Its easy-to-read graphic display, intuitive scrolling keys and the integrated web server are some of the features that make the IP 10S so user friendly. Its traditional phone design, combined with its high degree of reliability and versatility, make it a perfect choice for companies that are searching for a cost effective solution to traditional calling.

IP 10S is the answer to a large segment of the market which requires phones attractively priced, and furthermore able to unveil all the advantages of IP telephony.



swissvoice IP 10S

SWISSVOICE

Sales

International

Swissvoice ag
Fabrikstrasse 8
CH-4614 Hägendorf
Phone +41 62 209 75 75
Fax +41 62 209 75 76
www.swissvoice.net

Sales

Switzerland

Swissvoice ag
Eichtal
P.O. Box 111
CH-8634 Hombrechtikon
Phone +41 55 254 68 22
Fax +41 55 254 69 09
www.swissvoice.net

Sales

France & International

Swissvoice S.A.
B.P. 96 - Z.I. La Bergerie
F-74133 Bonneville Cedex
Tel: + 33 4 50 97 84 84
Fax: + 33 4 50 25 68 92
sales_ip@swissvoice.net
www.swissvoice.net

Features

Automatic configuration and firmware upgrade via DHCP/TFTP or FTP
Integrated web server for telephone administration
IP address assignment: DHCP client or statically configured
Automatic (SNTP server) or manual date and time settings
NAT traversal support
5 display languages of which 1 downloadable
Downloadable RTTTL melodies (up to 5) and logos
10 adjustable ring tones
Selectable tone tables
Prepared number dialing
Automatic DTMF dialing
Hands-free
30 Answered and 30 Missed call list
30 Outgoing call log
Private directory: 150 names and numbers
Local common directory: 400 names and numbers

H.323/H.450⁽²⁾ Services

CLIP-display of the calling line number and name
Overlap sending (optional)
H.245 tunnelling
Call Transfer (H.450.2)
Call Hold (H.450.4)
Additional services are implemented according each IP-PBX's proprietary protocol*

MGCP Services⁽³⁾

Business extension package offers easy display and feature keys customization
CLIP-display of the calling line number and name
Call waiting with number and name displayed
Message waiting indication
Call Services: Transfer, Hold, Enquiry, Brokering, Add party
Call forwarding (unconditionnal, busy, no reply)
Pick-up
Do Not Disturb

Interfaces

128x64 full graphic display, with contrast ajustement
Intuitive navigation keys
One dynamic softkey
Phone book key
Service key
4 Dual color backlit programmable keys⁽⁴⁾
(for speed dialing, line appearances, feature access)
10 Direct memory keys
Speakerphone and audio control keys

Two 10/100BaseT auto-sensing Ethernet network interfaces

Handset/headset connection

IP 10S model: Integrated real true switch with automatic MDI-MDIX crossover

Protocols

Signaling protocols: MGCP (RFC 3149 support) / NCS, H.323v4/H.450.1.2.4, SIP⁽¹⁾
Integration completed with multiple 3rd-party call managers
Protocols and applications supported: TCP/IP, TFTP, FTP, SNTP, RTP, RTCP, HTTP, DHCP, Telnet

Quality of service / Voice quality

IP-TOS / Diffserv
VLAN IEEE 802.1 Q/p
Dynamic jitter buffer
Comfort noise generation and voice activity detection
Audio voice coders: G711+G723.1 or G711+G729a
Echo and silence suppression in handset and in hands-free modes

Power options

Power over the LAN (compliant with IEEE 802.3 af)
Power supplied locally using an optional power supply
Power consumption: 5 watts

Physical features

Dimensions: (L x w x H) : 20,5 x 16,5 x 5,4 cm
8" x 6,6" x 2,2"

Weight: 570 g

2 Ethernet RJ45 connectors

Local power supply RJ 11 connector

Handset/headset RJ9 connector

Wall mountable

Color : Dark grey

Certifications

CE Label

User electrical security EN 60950

Electro-Magnetic compatibility (EMC) EN 55022

Federal Communications Commission (FCC) Part 15 Class A

ISTA – International Safe Transit Association (packaging)

⁽¹⁾SIP available Q1 2004

⁽²⁾ Consult your service provider or PBX vendor for information on services supported by the IP10S with his solution.

⁽³⁾ The MGCP services list is not exhaustive. It is call manager dependent.

⁽⁴⁾ A 2nd phone version is offered with 4 pre-defined keys: Redial, Mute, Flash, Voice mail.

Subject to modifications