swissvoice IP10S



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 IP10S 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 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.

IP10S 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.



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Features

Automatic provisioning and software upgrades via DHCP/TFTP or FTP

Integrated Web Browser Interface for telephone administration

Interchangeable protocols

IP address assignment: DHCP client or statically configured

Automatic (SNTP server) or manual date and time settings

Dual Tone Multi-Frequency (DTMF) relay

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

Call list for 30 answered and 30 missed calls

Call log for 30 outgoing calls

Private directory: 100 names and numbers

Local common directory: 400 names and numbers

H.323/H.450⁽¹⁾ Services

CLIP-display of the calling line number and name Message Waiting Indication (H470.7)

Name information (H450.8)

H.245 tunnelling

Call Transfer (H.450.2)

Call Hold (H.450.4)

Additional services are implemented according to each IP-PBX's proprietary protocol

MGCP Services⁽²⁾

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 adjustment Intuitive navigation keys

One dynamic softkey

Phone book key

Service key

4 Dual color backlit programmable keys(3)

(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

IP10S model: Integrated 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 mode

Power options

Power over LAN (compliant with IEEE 802.3 af)

Power consumption: 5 watts

Physical features

Dimensions: (L x W x H)

20,5 x 16,5 x 5,4 mm / 8"x 6,6"x 2,2"

Weight: 570 g

2 Ethernet RJ45 connectors

Local power supply RJ11 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) Consult your service provider or PBX vendor for information on services supported by the IP10S with his solution.

(2) The MGCP services list is not exhaustive. It depends on the call manager.

(3) Another phone version is offered with 4 pre-defined keys on request: Redial, Mute, Flash, and Voice mail.

Subject to modifications



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