

# swissvoice IP10S

IP telephone

*the right selection*



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.



swissvoice IP10S

## 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<sup>(1)</sup> 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<sup>(2)</sup>

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<sup>(3)</sup> (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<sup>1)</sup>  
 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)

<sup>(1)</sup> Consult your service provider or PBX vendor for information on services supported by the IP10S with his solution.

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

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



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Subject to modifications