

swissvoice IP 20

IP telephone

Open IP phones



Swissvoice gives you full advantage of its telephones manufacturer expertise and has imagined a complete range of IP telephones. Ideal for the professional uses, IP 20 is part of open terminals on the market which offer advanced telephony services. This ease-of-use end-point will ensure you a full set of services, an optimized ergonomic and an interoperability with many Call Managers. IP 20 is a fully compliant standard-based telephone which can run through MGCP. To give the best to the end-users, IP 20 uses several standardized voice compression algorithms plus additional features such as echo suppression and comfort noise generation, for an optimal voice quality. As all Swissvoice IP phones, IP 20 can dynamically manage new functions and was designed to grow with customers' needs.



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Features

Integrated web server for telephone administration
 Telephone book saving / import from a web browser
 Remote update software download (via FTP)
 IP address assignment: dynamic through DHCP or statically configured
 Automatic (SNTP server) or manual date and time settings
 Locally managed three-way conferencing
 5 Built-in display languages
 1 Downloadable display language
 Selectable tone tables
 Selectable melodies, rhythms and ringing levels
 Prepared number dialing
 Automatic DTMF dialing
 30 Answered call list
 30 Unanswered call list
 30 Outgoing call log
 Private directory (100 names and numbers)
 Corporate directory (400 names and number)
 CLIP-display of the calling line number and name
 Display of the caller's name (if stored in the directory)
 Call waiting with number of name displayed
 Hold
 Enquiry call
 Call brokering
 Call forwarding (unconditional, on busy or no reply)
 Call transfer (normal and blind)
 Pick-up
 Direct access to the voice mail
 Do not disturb
 Add party
 Additional services possible

Interfaces

Alphanumerical display 2 x 16 characters
 Integrated mini-switch for a PC connection
 Media interfaces: 10/100 base T autosense
 Integrated headset connection
 10 Direct memory keys (numbers or functions)
 Dedicated function buttons
 1 Softkey for user interface (3 zones)
 Multifunction LED (line status, services)

Protocols

Signaling protocol: MGCP / NCS, H323
 Multiple Call Manager interoperability
 Protocols and applications supported:
 TCP/IP, FTP, SNTP, RTP

Quality of service / Voice quality

IP-TOS / Diffserv
 VLAN IEEE 802.1 Q/p
 Dynamic jitter buffer
 Comfort noise generation and voice activity detection
 Echo suppression in handset and in hands-free mode
 Audio voice coders:
 G711, G723.1, G729a, G722
 Full duplex hands-free

Physical features

Dimensions: 162 x 177 x 47 mm
 Weight: 495 g
 Power consumption: 5 Watts
 Power from the LAN (IEEE 802.3 af)
 Mains power: 220 V or 110 V
 Ethernet interfaces RJ45
 Color: Black

Certifications

CE label
 User electrical security EN 60950
 Electromagnetic compatibility EN 55022
 Federal Communications Commission Part 15
 Class A
 ISTA - International Safe Transit Association (packaging)

Your dealer:

Subject to modifications

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