

SS8000

Softswitch Series

Product Overview

SS8000 is a comprehensive service switching platform based on softswitch architecture launched by Techroutes for large enterprises and enterprise branch users. The system supports disaster recovery features such as dual-system hot backup, multi-network ports, dual power supply and redundant disk. It is mainly for government, group enterprises and other large organizations.

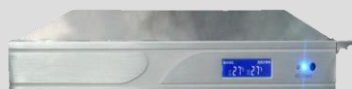
SS8000 supports a maximum of 20000 users access, the maximum concurrency of 2000, with excellent product performance and security, stability and reliability.

Key Features

- **Integrated multi-service platform:** SS8000 not only provides user base voice business, at the same time for enterprises to bring rich voice value-added services, such as: Various forms of telephone conference such as instant, appointment, and convening, intelligent call outbound, intelligent IVR, and voice message by time segment and carrier, reduce the cost of daily communication, improve the enterprise image and market competitiveness.
- **Rich user access:** SS8000 can access to traditional PBX by TG, continue the legacy of communication equipment, and provide FXS port to analog phone via IP network. In addition, it can achieve a variety of IP intelligent terminal access, experience the charm of a new generation of IP terminal.
- **High reliability:** SS8000 uses the telecommunication-level reliability design concept, such as power supply, multi-core processors, public and large capacity memory/disk redundancy deployment, and support the soft exchange server double backup, provide operator-level reliability.
- **Variants:**



SS8000-1K



SS8000-2K



SS8000-5K



SS8000-1W



SS8000-2W

- **Provides a standard interface, easy to expand:** The system to provide the standard business interface, customers can access other IT application system in their company, realize rapid expansion of communications applications.
- **Operable and manageable:** Web-based graphical interface simplify the local management. TR069, SNMP, and Syslog help enterprises centrally manage distributed devices remotely, improve management efficiency, and reduce maintenance costs.

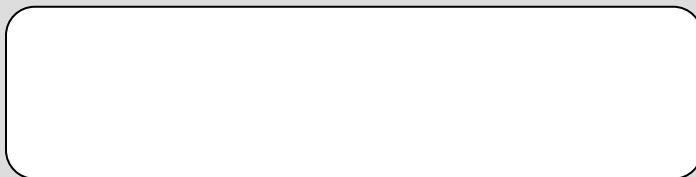
Product Details

Hardware					
Model	SS8000-1K	SS8000-2K	SS8000-5K	SS8000-1W	SS8000-2W
User capacity	Max 1000 SIP users	Max 2000 SIP users	Max 5000 SIP users	Max 10000 SIP users	Max 20000 SIP users
Concurrent calls	≥100	≥200	≥ 400	≥ 1000	≥ 2000
Network	6 RJ45 ports	2 RJ45 ports	2 RJ45 ports	4 RJ45 ports	4 RJ45 ports
	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps
USB	2 USB3.0 ports	2 USB3.0 ports	2 USB3.0 ports	2 USB3.0 ports	2 USB3.0 ports
Power consumption	60W	200W	600W	750W	750W
Power supply	180~264V/	180~264V/	180~264V/	180~264V/	180~264V/
	47~63Hz ≤ 4A	47~63Hz ≤ 4A	47~63Hz ≤ 4A	47~63Hz ≤ 4A	47~63Hz ≤ 4A
Dimension(w x d x h mm)	1U, 430mm*180mm *44 mm	1U, 430mm*412mm *44.4mm	2U, 430mm*675mm *88mm	2U, 434mm*715mm *88mm	2U, 434mm*715mm*88mm
Reliability	7*24 hours, > 99.999%				
Temperature	10°C to 35°C during operation and -40 °C to +55°C during non-operation				
Relative humidity	95% non-operating time, does not condense at 25°C to 30°C				
Noise	In operation mode, sound pressure <50dBA measured laterally;				
	The sound intensity 6.2BA at 28°C				
Electrostatic discharge	15kv (Intel temperature test specification)				
Software					
Signaling protocol	NGN SIP, IMS SIP				
Encoding type	G.711a/u、G.729a、iLBC、G.726、GSM、AMR				
Number analysis	Outgoing call route, called number identification, number change, dialing rules, and route backup				
Basic voice service	Internal extension call: The terminal can be an IP phone or SIP softphone				
	IMS/NGN call: The SIP trunk communicates with IMS/NGN or IPPBX				
Supplementary service	Query your own number, calling number display, calling number display restriction, call rights Control, Designated Pickup, same-group pickup, speed dial, extension recording and playback, Do not Disturb, Phone login and logout, Absent user, alarm clock, call transfer on no answer, unconditional call transfer, busy call transfer, call waiting, call hold, three-party call, call forwarding, blacklist, and group call , RBT, One number, access conference, conference bridge, web				

	conference, voice mailbox, enterprise switchboard, console desk, queue, call recording, call charging, deposit service, and card number charging service
VOIP	JITTER BUFFER, VAD and CNG
Fax	T.30 pass through, T.38
Video	Sip-based point-to-point video calling
Account management	Manage by role permission
Local management	Configured by Web, version upgrade or rollback, data backup and recovery, and license management
Remote management	SNMP V2/V3、TR069
Log management	Operation logs, run logs, user logs, and security logs
Alarm management	Query active alarms and historical alarms

Ordering Information

P/N	Description
SS8000-1k	IMS server, maximum 1000 SIP users, concurrent calls ≥ 100
SS8000-2k	IMS server, maximum 2000 SIP users, concurrent calls ≥ 200
SS8000-5k	IMS server, maximum 5000 SIP users, concurrent calls ≥ 400
SS8000-1W	IMS server, maximum 10000 SIP users, concurrent calls ≥ 1000
SS8000-2W	IMS server, maximum 2000 SIP users, concurrent calls ≥ 2000
SS8000 basic software	Basic software: installed on IMS server.
SS8000 software module	Installed if two unit standby (optional)
SS8000 user license	Every ten users configure a license



For More details:

visit : www.techroutes.com

Or contact

sales@techroutes.com

info@techroutes.com