



Micronet®
Making Communication Easier



SP5058A

SIP FXO Gateway, 8 FXO

Micronet SP5058A is high-capacity SIP Gateway that provides 8 FXO ports, and suits to build an IP-based communication platform with other VoIP devices. They meet enterprise's requirement for functionality (VoIP) upgrade and larger scale implementation by interoperating with legacy PABX and IP PBX/Soft-switch.

SIP

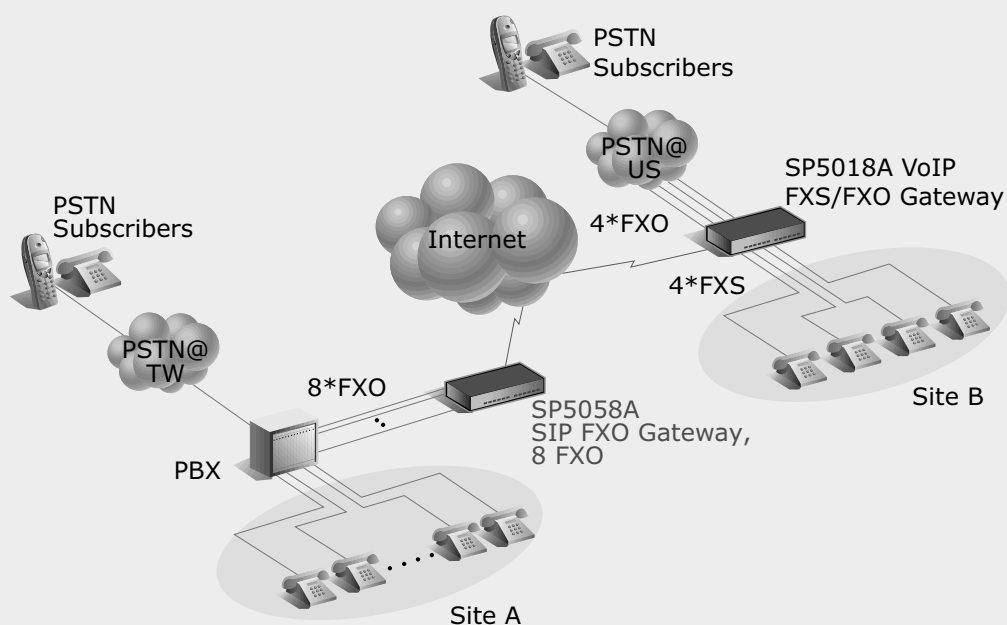
Standards
Compliant

8 FXO

High-Port
Density

Key Features

- IETF SIP standards compliant
- Support 1 RJ-45 WAN port and 4 RJ-45 LAN ports
- Support POTS interfaces: 8 FXO ports
- Support rich call features: call hold, call transfer, call forward, P2P call, etc
- Support detection of disconnect tone, polarity reversal, and loop current drop (zero voltage) on FXO ports
- Well interoperability with industry-leading IP-PBX/Soft-Switch, such as Alcatel, Lucent, Siemens, etc.



— Telephone Line

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SPECIFICATION

Model	SP5058A
Standards	SIPv2 (RFC 3261): Primary and Secondary Proxy, Primary and Secondary Outbound Proxy
Interface	1 x RJ-45 WAN port of 10/100M 4 x RJ-45 LAN ports of 10/100M 8 x RJ-11 FXO ports for connecting with PSTN line or PABX's extension
Voice Processing	Codec: G.711a/ μ -law, G.723.1 (6.3K), G.729, G.729.A VAD, CNG, and Silence Suppression Echo Cancellation (G.165 / G.168) Adaptive Jitter Buffer Packet Loss Compensation DTMF relay: In-band, RFC 2833, SIP Info
Call Features	• Caller ID Detection: FSK, DTMF, ETSI (before ringing, between ringing) • Call hold • Call transfer (blind & consultant) • Call forward (Unconditional, No answer, Busy) • Support detection of disconnect tone, polarity reversal, and loop current drop (zero voltage) on FXO ports • FAX over IP: G.711 pass-through, T.38 Fax relay
Security	HTTP 1.1 basic/digest authentication for WEB access MD5 for SIP authentication (RFC 2069/2617) Password protected for Admin access authority
Networking	PPPoE Client, DHCP Client / Server, NAT, SNTP QoS: DiffServ / ToS
Management	User interface: HTTP and Telnet Firmware upgrade via FTP/TFTP/HTTP/Telnet Auto Provisioning
Power Supply	DC 12V, 3A
Environment	Operating Temperature: 0 - 45 degree C Storage Temperature: 0 - 55 degree C Operating Humidity: 10 to 85% (non-condensing) Storage Humidity: 10 to 95% (non-condensing)
Dimension	35 x 242 x 160 (mm)
Emission	CE FCC Part 15, Class B

The product specifications are subject to change without prior notice

ORDERING INFORMATION

Model	Description
SP5058A	VoIP FXO Gateway, SIP, 8 FXO



SP5058A
SIP FXO Gateway, 8 FXO

- ① LED Indicator
- ② FXO RJ-11 Port
- ③ 10/100M RJ-45 LAN Port
- ④ 10/100M RJ-45 WAN Port
- ⑤ Power Jack

COMPANION PRODUCTS

Consider the following Micronet products as a factor in your network planning.

Ethernet Switch

Industrial Ethernet

IP Surveillance

Wireless LAN

VDSL • ADSL and Broadband

IP Telephony

KVM Switch

Network Appliance

Structured Cabling System

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