



Micronet[®]
Faster and Easier Networks



Micronet SP5002, SP5004

FXS VoIP Gateway

Instant and Easy VoIP solution

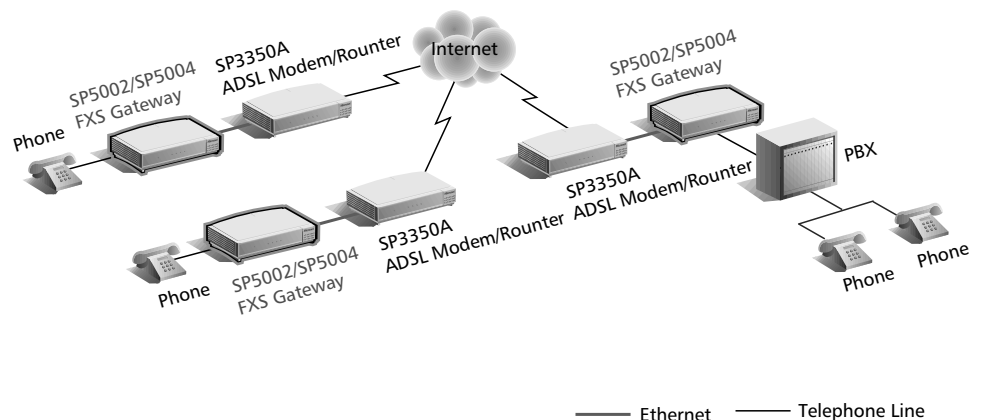
SP5002/SP5004 FXS gateway, which based on ITU-T H.323 V3, provides voice and fax over IP networks. Its simplified operation and configuration features are the most suitable for residential and SOHO application. Just an IP address and 2 phone sets can bring you to Voice over IP world. No more long distance and international telephone fee.

Industrial Standard Compliance- Fully complies with ITU H.323 V3 standard, SP5002/SP5004 ensures inter-operation among different vendors. SP5002/SP5004 implements H.323 V3 protocol with H.450 services, so it can easily connect to the H.323 compatible Gatekeeper. The traditional PBX functionality are provided with H.450 features together with GateKeeper or IP / PBX Call Manager.

High Quality of Voice- SP5002/SP5004 provides various voice codec i.e. G.711A/ μ -Law, G.723.1 and G.729 with Dynamic Jitter Buffer and Bad frame interpolation. It provides toll voice quality and FAX services under managed network i.e. VPN or Public Internet Network. SP5002/SP5004 comes with the CNG (Comfort Noise Generation) and VAD (Voice Activity Detection) features, users are able to experience regular telephone call quality and save bandwidth.

Key Features

- Implements H.323 V3 protocol with H.450 services for easily connecting to the H.323 compatible Gatekeeper
- Compliant with G.711A/ μ law, G723.1, G729A CODEC standard
- Easy access to IP network from phone set or outside-line port of PBX
- Compliant with Microsoft NetMeeting V3.0 for network conference
- Support Peer to Peer dialing and central Gatekeeper environment
- Support Remote Configuration through Telnet and HTTP
- Support static IP and DHCP



FXS VoIP Gateway

SPECIFICATION

Model	SP5002	SP5004
Standard	ITU H.323 V3 VoIP Standard IEEE802.3, 10BASE-T; IEEE802.3u, 100BASE-TX	
Port	2 x RJ-45 port for linking to Ethernet LAN 2 x RJ-11 ports for usual Telephone Network(FXS)	2 x RJ-45 port for linking to Ethernet LAN 4 x RJ-11 ports for usual Telephone Network(FXS)
Voice Features	G.711A/μ law, G723.1, G729, G729A, G729B, G729AB	
Temperature	VAD (silence suppression) CNG (comfort noise generation) EC (Echo Cancellation)	
Operating Humidity	Operating : 0- 40 degree C Storage : -10- 60 degree C	
Power Adapter	10% to 90%	
Dimension	23 cm x 15 cm x 3.8 cm (WxDxH)	
Weight	2.0kg	
Certifications	FCC part 15 Class A, CE	

ORDERING INFORMATION

Model	Description
SP5002	2 Ports IP Telephony Gateway, FXS interface
SP5004	4 Ports IP Telephony Gateway, FXS interface



SP5002/SP5004 FXS VoIP Gateway

COMPANION PRODUCTS

Consider these related 10/100/1000 Mbps Micronet products as a factor in your network planning

Ethernet Adapter for Desktop PC

PCMCIA Ethernet

PCMCIA Ethernet + Modem

PCMCIA Modem

CompactFlash Adapter

Ethernet Hub

Ethernet Switch

Ethernet Repeater

Ethernet Transceiver

Ethernet Converter

Wireless LAN Solution

Analog Modem

ISDN TA and Router

xDSL Modem and Router

VoIP Telephony

Print Server

Internet IP Sharer

USB Device Family

Wiring System

KVM Switch

SNMP Network Management

RMON Network Management

Web-Based Network Management

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