



Micronet®
Faster and Easier Networks



Micronet SP3508A

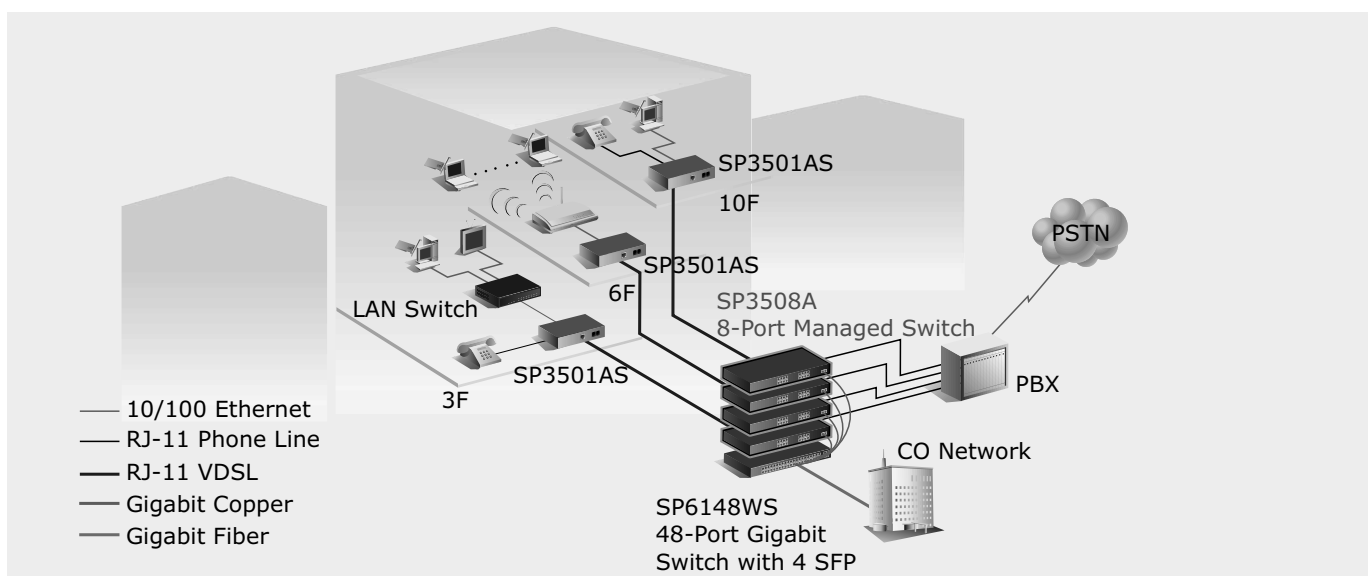
8-Port VDSL Managed Switch

Cost-Effective and High Performance Broadband Access suited for Multiunit Building Environments.

Micronet SP3508A is an EoVDSL (Ethernet over VDSL) clustering switch that aggregates 8 VDSL lines into 2 Gigabit Ethernet uplinks. It delivers cost-effective and high-performance broadband / multimedia services to multiunit building environments, such as enterprise, campus, hospital, hotel, and telecom. With QAM-based 4-band VDSL technology, the VDSL solution dramatically extends Ethernet and supports 5M/15M/25Mbps symmetrical bandwidth over existing telephone-grade wiring up to 1.7 / 1.1 / 0.6KM.

Key Features

- Compliant with ETSI, ITU, ANSI standards
- Compliant with IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX and IEEE802.3ab 1000BASE-T standards
- Support 8 x VDSL port and 8 x POTS/ISDN Splitter port
- QAM-based 4-band VDSL
- Data rate up to symmetrical bandwidth of 25Mbps
- Wiring range up to 1.7 KM
- Auto-speed function for VDSL link
- Supports SNMP v1 RFC-1493 Bridge MIBs
- Built-in POTS/ISDN splitter for POTS/ISDN telephone service



8-Port VDSL Managed Switch

SPECIFICATION AND PRODUCT FEATURES

Model	SP3508A
Standards	IEEE802.3 10BASE-T standard
	IEEE802.3u 100BASE-TX standard
	IEEE802.3ab 1000BASE-T
Interface	2 x RJ-45 10/100/1000Mbps Ethernet port
	8 x RJ-11 connector for telephone connection
	8 x RJ-11 connector for EoVDSL
MAC Address Table	8k Entries
Flow Control	IEEE802.3x for Full Duplex
	Back Pressure for Half Duplex
Distance	Data Rate 5M/5M: up to 1.7 km
	Data Rate 15M/15M: up to 1.1km
	Date Rate 25M/25M: up to 600m
Features	POTS/ISDN voices pass through
	SNR (Signal to Noise Ratio) indications
	Spectral compatibility with XDSL, ISDN(2B1Q/4B3T)
	On-board splitter
	Surge protected
Switch Features	IEEE 802.1Q Tag-Based VLAN
	IEEE 802.1V protocol VLAN
	Port-Based VLAN
	IEEE 802.1p CoS (2 Level Priority Queue)
	Multicast IP table/IGMP v2 with 512 groups
	IEEE 802.3ad LACP
	IEEE 802.1d Spanning trees
	Port Mirror
	SNMP v1 RFC-1493 Bridge MIBs
	RMON groups
	Temperature and Fan Alarm
	Multicast IP table/IGMP v2
	Web-Based
Management	Telnet
	Console Port (RS-232)
	TFTP protocol

ORDERING INFORMATION

Model	Description
SP3508A	8-Port VDSL Managed Switch

Headquarter

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SP3508A
8-Port VDSL Managed Switch

- ① VDSL Ports (1-8)
- ② POTS Ports (1-8)
- ③ Console Port
- ④ Gigabit Ethernet Ports (9-10)

COMPANION PRODUCTS

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

56K Modem

ADSL and Broadband

Internet Camera

ISDN TA / Router

KVM Switch

Media Converter

Mobile Communication

Network Interface Card

PCMCIA and Compact Flash

Powerline

Print Server

Switch and Hub/SOHO

Switch/Enterprise

USB Device Family

VDSL

VoIP Telephony

Wireless LAN

Wiring System

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