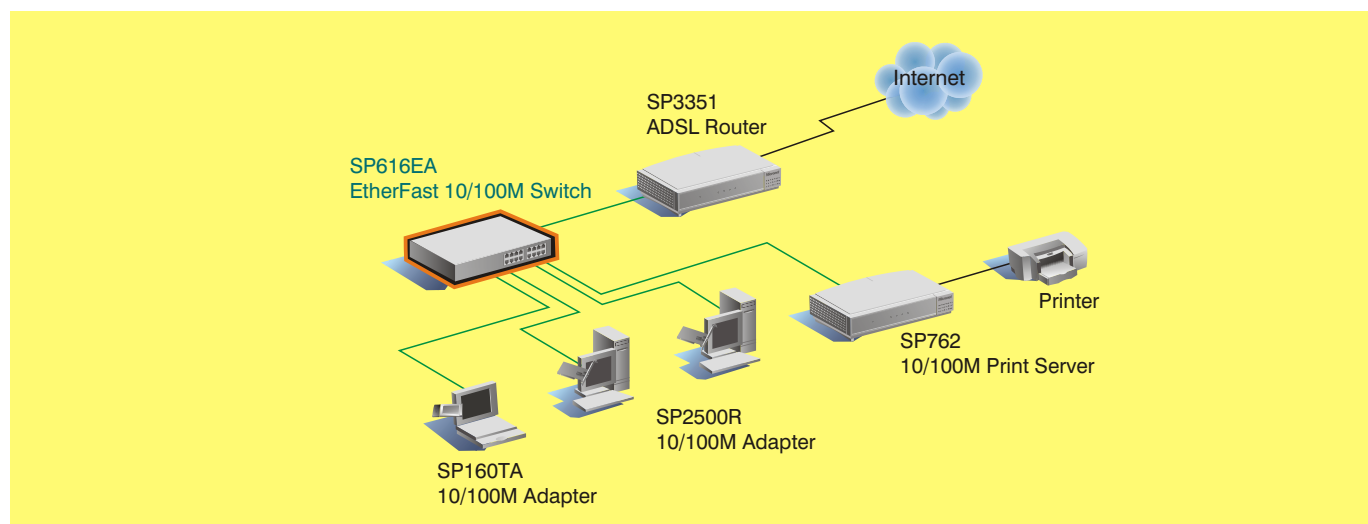![Micronet logo - Faster and Easier Networks]

Micronet SP616EA

EtherFast 10/100M Switch

Micronet SP616EA 10/100M Switch provides powerful, high-performance Ethernet switch, with all ports capable of 10 and 100M auto-negotiation operation. With its intelligent addressing engine, it provides users with a wire-speed filtering and forwarding of the traffic. All ports support auto-uplink detection, so users don't have to worry about the cable type. Each port will automatically communicate for best speed and to run in half- or full-duplex mode. Store-and-forward switching prevents damaged packets and network errors from being passed on into the network.

Key Features

- Compliant with IEEE802.3 10Base-T, IEEE802.3u 100Base-TX and IEEE802.3x flow control

- Support Auto-Negotiation function to automatically select optimal speed (10/100Mbps) and mode (Full/Half Duplex)

- Support auto uplink, no more cross-over cable

- Support 802.3x flow control for full-duplex mode and back-pressure flow control for half-duplex mode

- Forward and filter packets at non-blocking, full wire speed

- 100 - 240V AC, universal internal power supply
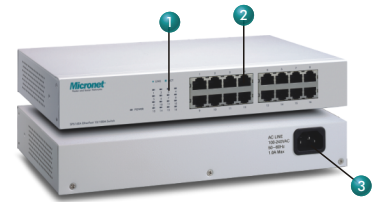
EtherFast 10/100M Switch

Micronet®
Faster and Easier Networks

SPECIFICATION AND PRODUCT FEATURES

Model	SP616EA
Standard	IEEE 802.3, 10BASE-T IEEE 802.3u, 100BASE-TX IEEE 802.3x, Flow Control
Interface	16*10/100M RJ-45 ports
Cable Connections	10BASE-T: Category 3, 4, 5 UTP / STP 100BASE-TX: Category 5, 5e UTP/STP
Network Speed	10M(Half duplex)/20M(Full duplex) 100M(Half duplex)/200M(Full duplex)
Uplink	Auto Uplink (Auto MDI / MDI-X)
Switch Fabric	3.2 Gbps
Filtering/Forwarding Rate	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps
Emission	FCC , CE
Operating Temperature	0°- 40°C (32°-104° F)
Operating Humidity	10% - 90% (Non-condensing)
Dimension	161 x 267 x 44 mm (W x L x H)
Power Supply	100 - 240V AC, 50/60Hz Full range internal power supply

The product specifications are subject to change without prior notice

ORDERING INFORMATION

Model	Description
SP616EA	16-Port 10/100M Fast Ethernet Switch, Internal Power

SP616EA
EtherFast 10/100M Switch

❶ Status Indicator
❷ 10/100M RJ-45 Ports
❸ Power Jack

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

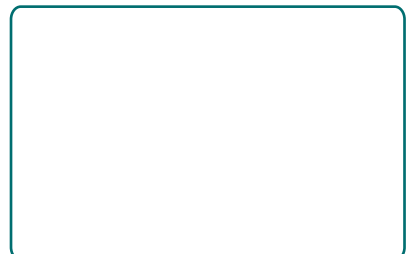Switch/Enterprise

USB Device Family

VDSL

VoIP Telephony

Wireless LAN

Wiring System

Distributor:

Headquarter
Micronet Communications Inc.

Manufacturer and Exporter
Spectrum Technologies Corp.
E-mail: sales@micronet.info; support@micronet.info Web:http://www.micronet.info

TÜV CERT
ISO 9001