



Micronet[®]
Making Communication Easier



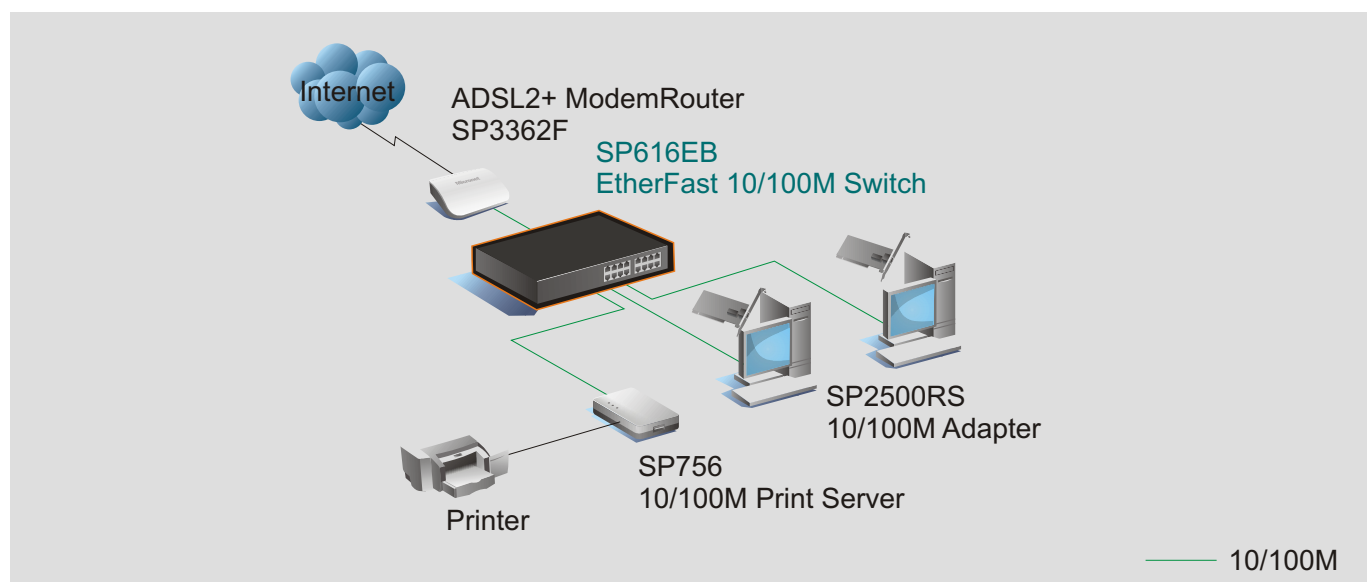
SP616EB

EtherFast 10/100M Switch

Micronet SP616EB 10/100M Switch provides powerful, high-performance Ethernet switch, with all 16 ports capable of 10M 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 function 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
- Supports speed (10/100Mbps) and duplex mode(Half/Full) and auto-detection
- Supports MDI/MDI-X auto crossover
- Supports full and half duplex operation on all ports
- Supports back-pressure (Half/Full) and flow control (IEEE 802.3x)
- Supports extensive LED indicators for network diagnostics
- Store-and-forward architecture filters fragment & CRC error packets
- Rack-mountable on 10" or 19" racks (optional)



EtherFast 10/100M Switch

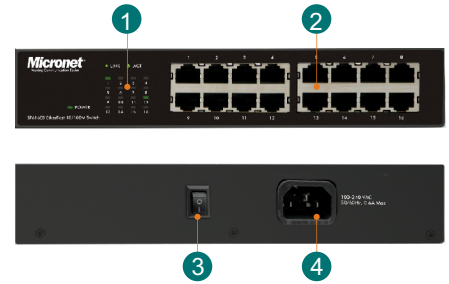
SPECIFICATION AND PRODUCT FEATURES

Model	SP616EB
Standard	IEEE802.3, 10Base-T IEEE802.3u, 100Base-TX IEEE802.3x, flow control
Interface	16 * 10/100M RJ-45 ports
Cable Connections	10BASE-T: Cat. 3, 4, 5 UTP/STP 100BASE-TX: Cat. 5 UTP/STP
Network Speed	Network speed: 10Mbps and 100Mbps Duplex mode: Full and Half
Uplink	Auto Uplink (Auto MDI / MDI-X)
MAC Address Table	8K
Filtering/Forwarding Rate	10Mbps: 14,880pps/14,880pps 100Mbps: 148,800pps/148,800pps
Emission	FCC Class B, CE
Operating Temperature	0° - 40° C (32° - 104° F)
Storage Temperature	-10° ~ 70° C (14° ~ 158° F)
Operating Humidity	10% - 90% (Non-condensing)
Dimension & Weight	267 x 161 x 44 mm (L x W x H), 1.2kg
Power Supply	100 ~ 240V AC, 50/60Hz Full range internal power supply
Buffer Memory	160K Byte for the whole system
Emission	267 x 161 x 44 mm (L x W x H), 1.2kg

The product specifications are subject to change without prior notice

ORDERING INFORMATION

Model	Description
SP616EB	16-Port 10/100Mbps Fast Ethernet Switch, Internal Power
C610	10" RACK MOUNTING BRACKET SET FOR SP616EB
C619	19" RACK MOUNTING BRACKET SET FOR SP616EB



EtherFast 10/100M Switch

Model No. SP616EB

- ① LED Indicator
- ② 10/100M RJ-45 Port
- ③ Power On/Off
- ④ 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

Copyright © 2012 Micronet Communications Inc. All technical information in this document is subject to change without prior notice. Micronet, EtherFast and MicroView are registered trademarks of Micronet Communications Inc. All other trademarks and registered trademarks are properties of their respective holders.

Distributor:

Micronet Communications Inc.

E-mail: sales@micronet.com.tw; support@micronet.com.tw Web: www.micronet.com.tw