



ES-3116P

## 16 Ports Fast Ethernet Switch



### 200Mbps Full Duplex Transmission

Edimax ES-3116P is a high speed fast Ethernet switch for home and small business. ES-3116P not only complies with IEEE 802.3/802.3u 10/100Mbps Ethernet standard but also supports full duplex transmission. The full duplex feature can double the network throughput on every port. It is used for high speed server or switch-to-switch connections. The maximum throughput of every port can reach up to 200Mbps .

### Supports Wire-speed and Flow Control

The ES-3116P built-in non-blocking and store-and-forward architecture feature your network with full-wire speed connections. It accommodates with flow control for full duplex mode and back pressure for half-duplex mode which ensure reliable data transfer and help to prevent data lost. Use ES-3116P to create a high-speeds network and benefit from it's ultimate performance and reliability.

### Supports Auto-MDI/MDI-X and Auto Sensing

ES-3116P supports PnP (plug and play) installation and auto-MDI/MDI-X function. You can connect ES-3116P with computers or Ethernet devices without any configuration. You also can use either straight-through or cross-over Ethernet cable and combine 10 and 100Mbps devices into ES-3116P. The switch will automatically detect the right cable and speed for your device.

## FEATURES AND TECHNICAL SPECIFICATIONS

HARDWARE INTERFACE	FUNCTIONS	POWER ADAPTER
<ul style="list-style-type: none"> <li>• 16 x RJ-45 Fast Ethernet LAN Ports</li> <li>• LED Indicators: Power, LNK/ACT for LAN</li> <li>• Power</li> </ul>	<ul style="list-style-type: none"> <li>• Non-Blocking</li> <li>• Store-and-Forward architecture</li> <li>• Full wire speed filtering</li> <li>• Auto-MDI/MDI-X and auto learning</li> <li>• Auto-negotiation</li> </ul>	<ul style="list-style-type: none"> <li>• DC 12V, 1A</li> </ul>
STANDARD	HUMIDITY & TEMPERATURE	MEMORY BUFFER
<ul style="list-style-type: none"> <li>• IEEE802.3 and IEEE802.3u</li> <li>• IEEE802.3x</li> </ul>	<ul style="list-style-type: none"> <li>• 10-95% (Non-condensing)</li> <li>• 0-45 Degree Celsius</li> </ul>	<ul style="list-style-type: none"> <li>• 160K Bytes</li> </ul>
MAC Address	DIMENSION	CERTIFICATIONS
<ul style="list-style-type: none"> <li>• 8K</li> </ul>	<ul style="list-style-type: none"> <li>• 290 x 100 x 30 mm</li> </ul>	<ul style="list-style-type: none"> <li>• CE, FCC</li> </ul>

## NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

### An example to setup ES-3116P:

- Connect the ES-3116P to your Router or cable/xDSL modem.
- Connect a computer to ES-3116P.
- You can also connect Print Server, NAS and IP CAMERA to ES-3116P.

