Reduce power use by over 70%

ES-3316P

16 Port Fast Ethernet Switch

Description

The ES-3316P is an energy saving network switch with sixteen integrated 10/100Mbps Fast Ethernet ports. The power saving function saves resources and is light on the pocket, meaning the ES-3316P is an ideal solution for homes and small businesses.

200Mbps Full Duplex Transmission

The ES-3316P complies with IEEE 802.3/IEEE 802.3u 10/100Mbps Ethernet standard and also supports IEEE 802.3x full duplex transmission. The full duplex feature can double the network throughput on every port and is used for high speed server or switch-to-switch connections. The ES-3316P boasts a maximum throughput of 200Mbps for every port.

Supports Wire Speed and Flow Control

The ES-3316P's built-in non-blocking and store-and-forward architecture equips your network with full-wire speed connections. It accommodates flow control for full duplex mode and back pressure for half-duplex mode; ensuring reliable data transfer and preventing data loss. Use the ES-3316P to create high-speed networks and benefit from exceptional performance and reliability.

Supports Auto-MDI/MDI-X and Auto Sensing

The ES-3316P supports PnP (plug and play) installation and auto-MDI/MDI-X, meaning you can connect to computers or Ethernet devices without configuration hassles. For your convenience you can use either straight-through or cross-over Ethernet cables and connect both 10 and 100Mbps devices to the ES-3316P. The switch intelligently detects the correct cable and speed for your device.

IEEE Energy Efficient Ethernet (EEE)

The ES-3316P offers environmental efficiency together with Fast Ethernet speeds which are critical for next-generation network applications. To comply with the IEEE802.3az standard, the ES-3316P provides power saving functions to reduce costs and energy consumption.

16 Port Fast Ethernet Switch

ES-3316P

Features

- Complies with IEEE802.3, IEEE802.3u standards
- Supports auto MDI/MDI-X crossover detecting and auto correction
- Supports IEEE802.3X flow control for full duplex and back pressure flow control for half duplex
- Wire speed packet filtering and forwarding rate
- Store and forward architecture filters fragment & CRC error packets
- Supports IEEE802.3az energy efficient Ethernet

Technical Specifications

Standards	Features	Filtering / Forwarding Rates
✹IEEE 802.3 10BASE-T ✹IEEE 802.3u 100BASE-TX ✹IEEE 802.3x Flow Control ✹IEEE 802.3az Energy Efficient Ethernet	✹RJ-45 Port:16 ✹MAC Address: 8K ✹Buffer Memory: 256K ✹Transmission Method: Store and Forward	✹100Mbps Port – 148,800pps ✹10Mbps Port – 14,880pps

Transmission Media	LED Indicators	Power Requirement
✹10BASE-T Cat. 3, 4, 5 UTP/STP ✹100BASE-TX Cat. 5 UTP/STP	✹Per Port: Link/Act ✹Per Unit: Power	✹DC 5V 1A

Power Consumption	Dimensions	Weight
✹1.72Watts (Max)	✹160× 107 × 40mm (L x W x H)	✹ 0.215 kg

Temperature	Humidity	Certifications
✹Operating: 0 to 40℃ ✹Storage: -20 to 70℃	✹Operating: 10 to 90% RH (Non-condensing) ✹Storage: 5 to 90% RH (Non-condensing)	✹CE ✹FCC

Application:

An example network using the ES-3316P:

- Connect the ES-3316P to your router or cable/xDSL modem.
- Connect print server, NAS , smart TV, laptop, media player, games console and IP Camera to the ES-3316P.