

Managed &
Unmanaged
Switches

EZNET Switch™ 10/100

8, 16, and 24-Port 10/100 Mbps Standalone Unmanaged
Layer 2 Switches

Model Number:

EZNET-8SW

EZNET-16SW

EZNET-24SW

This EZNET series offers 8-, 16-, and 24-port 10/100 Mbps standalone, unmanaged switches. Designed specifically for home and small office applications, these switches feature auto-negotiation, uplink ports for easy network expansion, and provide full bandwidth capability on each port. With fully auto-negotiating 10/100 ports, the speed and duplex modes of attached devices are instantly detected, allowing the switches to auto-configure for optimal performance.

These switches offer flexibility for any business while ensuring feature-rich and value-added support. The 8 and 16-port models have a selectable uplink port that enables connection to additional switches for easy network expansion.

Overview

Features

- 1.6, 3.2, or 4.8 Gbps aggregate bandwidth; speeds up to 200 Mbps per port
- Filtering & Forwarding at full wire speed on all ports
- Buffered Store-and-Forward transmission method prevents propagation of bad packets
- Back Pressure and Flow Control prevent packet loss under heavy load
- Uplink port for easy connection to additional switches
- Sturdy steel construction; rack-mountable

Benefits

- Plug-and-play – no complicated setup procedures
- Integrates Ethernet and Fast Ethernet networks
- At-a-glance LEDs show port status and monitor network activity
- Auto-negotiation – chooses optimal speed and operating mode for attached devices
- Address Learning probes the network and automatically configures the switch

Compatibility

- IEEE 802.3
- 802.3u
- 802.3x

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SPECIFICATIONS

EZNET8SW EZNET16SW EZNET24SW

Ports

EZNET-24SW – 24 RJ-45 ports, auto-sensing

EZNET-8SW – 8 RJ-45 ports, auto-sensing (7 fixed crossover and 1 daisy-chain port)

EZNET-16 – 16 RJ-45 ports, auto-sensing (15 fixed crossover and 1 daisy-chain port)

Network Interface

10Base-T RJ-45; Category 3,4,5 UTP Cable

100Base-TX RJ-45; Category 5 UTP Cable

MAC Address Table

EZNET-24SW – 8k

EZNET-8SW – 1k

EZNET-16SW – 2k

Memory Buffer

EZNET-24SW – 3 Mbytes

EZNET-8SW – 1 Mbytes

EZNET-16SW – 2 Mbytes

LED

Power – one (green)

Collision 100 – one (yellow)

Collision 10 – one (yellow)

Link (10Mbps – yellow; 100 Mbps – green)

Activity (flashing)

Power Consumption

EZNET-24SW – 27 Watts

EZNET-8SW – 10 Watts

EZNET-16SW – 27 Watts

Operating Temperature

EZNET-24SW

32° to 104° F

EZNET-8SW, EZNET-16

32 to 104° F

Weight

EZNET-24SW

4.8 lbs.

EZNET-8SW

4.63 lbs.

SMC-EZNET-16SW

4.63 lbs.

Size

EZNET-24SW

17.4 x 6.75 x 1.7 in.

EZNET-8SW

13 x 8 x 1.7 in.

EZNET-16SW

13 x 8 x 1.7 in.

Humidity

EZNET-24SW

5% to 95% (non-condensing)

EZNET-8SW, EZNET-16SW, EZNET24SW

5% to 95% (non-condensing)

Standards

- IEEE 802.3
- IEEE 802.3u
- IISO/IEC 8802-3

EMI

- FCC Class B
- C-Tick

Warranty

Limited lifetime

Product	Description
EZNET-8SW	8-Port 10/100 Mbps Standalone Unmanaged Layer 2 Switch
EZNET-16SW	16-Port 10/100 Mbps Standalone Unmanaged Layer 2 Mbps Switch
EZNET-24SW	24-Port 10/100 Mbps Standalone Unmanaged Layer 2 Mbps Switch