

Auto-Negotiating Dual Speed Switch With 1 Optional Fiber Uplink

SMC-EZ1016FDT

SMC-EZ1024FDT

SMC provides affordable switching and ease of use in a compact, new design. These unmanaged switches feature 16/24 10Base-T/100Base-TX RJ-45 ports, and a slot in the rear panel to accommodate your choice of five different optional fiber uplink modules for increased flexibility in use. It provides port speeds up to 200 Mbps and full-duplex capability on each of its ports, generating tremendously enhanced performance.

Offering aggregate bandwidth of 5.2/6.8 Gbps, the new switch provides a range of key features, including: automatic address learning with a 4K MAC address table, store-and-forward architecture to prevent the propagation of bad packets throughout the network, half- and full-duplex flow control to prevent packet loss under heavy loading, and filtering and forwarding on all ports.

True plug-and-play switching becomes a reality for the networked home and small office user. These remarkable new devices eliminate typical concerns about crossover cabling, uplinks, or if the switch/hub is linked to a PC or to another switch. The reason is that all its ports are auto-MDIX ports (Media Dependent Interface Crossover). Auto-MDIX ports automatically sense whether they need to function as crossover or straight ports, so crossover cables can connect both PCs and switches/hubs. The result is greater convenience for the user, as well as enhanced flexibility in that the switch is not limited to a single uplink, but can connect to multiple switches concurrently.

SMC products are backed by a limited lifetime warranty and 24/7 technical support.



Features

Benefits

High Performance

- Optional uplink to fiber for distance networking (100FX-SC/ST, MT-RJ single mode, multimode, and VF-45 multi-mode)
- 5.2/6.8 Gbps aggregate bandwidth
- Filtering and forwarding on all ports
- Automatic address learning with a 4K MAC address table
- Store-and-forward architecture prevents propagation of bad packets
- Half- and full-duplex flow control prevents packet loss under heavy loading
- Rackmountable or desktop

EZ to Use

- Plug-and-play – no configuration necessary
- Auto-MDIX ports eliminate concern over cabling and uplinks
- Auto-negotiation for automatic selection of speed and operating mode
- At-a-glance LEDs for network and activity monitoring
- Designated uplink port for easy network connection

Compatible

- IEEE 802.3, IEEE 802.3u

Reliable

- Limited lifetime warranty
- 24/7 technical support

Web Site

www.smc.com

Specifications

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Ports

- 16/24 – 10/100 Mbps RJ-45 MDI-X
- 1 – 100 Mbps FX SC/ST/MTRJ/VF-45 switch port (optional)
- 16/24 – RJ-45auto-MDIX ports

Input Power

- 100-240 VAC, 50-60 Hz 0.3A max

Maximum Current

- 0.5A Max. @ 110V, 0.25A Max. @ 240V

Power Consumption

- 40 watts max.

Weight

- 2.3 kg
- 5.3 lbs.

Dimensions

- 17.32 x 6.81 x 1.69 in
- 44 x 17.3 x 4.3 cm

Temperature

- 0° - 50° C (standard operating)
- 32° F - 122° F

Humidity

- 5% to 95% (non-condensing)

Standards Compliance

- 10Base-T, 100Base-TX, 100Base-FX

LED Indicators

- Power, link/activity, speed, FDX

Max. Filtering Rate

- 148800 pps

Max. Forwarding Rate

- 148800 pps

Switch Processing Scheme

- Store-and-forward

Address Table

- 4k entries

Queue Buffer

- 768 Kbytes

Flow Control

- Half-duplex: back pressure
- Full-duplex: IEEE 802.3x optional

Standards

- IEEE 802.3, IEEE 802.3u Fast Ethernet

Certification

- CE Mark

Safety

- CSA+NRTL, TUV/GS

Immunity

- IEC 1000-4-2,3,4,6

EMI

- C-Tick, FCC Class A, CISPR Class A, VCCI Class A

Warranty

- Limited Lifetime

Product	Description
SMC-EZ1016FDT	Dual-speed switch with 16 10BASE-T/100BASE-TX ports and 1 slot for fiber uplink
SMC-EZ1024FDT	Dual-speed switch with 24 10BASE-T/100BASE-TX ports and 1 slot for fiber uplink
SMC-EZ108FMSC	EZ Switch 10/100 100FX SC Multi-mode Fiber Module
SMC-EZ108FMST	EZ Switch 10/100 100FX SC Multi-mode Fiber Module with SC-ST converter
SMC-EZ108FSSC	EZ Switch 10/100 100FX SC Single-mode Fiber Module
SMC-EZ108FMMT	EZ Switch 10/100 100FX MT-RJ Multi-mode Fiber Module
SMC-EZ108FSMT	EZ Switch 10/100 100FX MT-RJ Single-mode Fiber Module
SMC-EZ108FMVF	EZ Switch 10/100 100FX VF-45 Multi-mode Fiber Module

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