SMCFS2601
EZ Switch™ 10/100 Mbps
26-Port Unmanaged Fast Ethernet Switch

Product Overview

The EZ Switch 10/100 SMCFS2601 is an unmanaged, rack-mountable 24-port Fast Ethernet switch with two Gigabit uplink ports. All 10BASE-T/ 100BASE-TX ports deliver dedicated 10/100 Mbps links to each attached LAN segment. Auto-negotiation is used to select the optimal communication mode for each connection, auto-sensing selects the optimal transmission speed. With store-and-forward switching and flow control, maximum data integrity is always maintained, even under heavy loading. Environmentally friendly, the switch consumes less power than non-green switches without reducing network performance. Easy installation and reliability make this plug-and-play switch an ideal choice for smooth Fast Ethernet integration in workgroup and small office network environments.

Green Saving

Key Features and Benefits

Performance and Scalability
This switch provides 8.8 Gbps wire-speed switching performance across all 26 ports. This enables the switch to fully support existing high-performance PCs and laptops, which significantly improves application response times and the speed of large file transfers.

Support IEEE 802.1p Quality of Service
When the switch receives a frame tagged with an 802.1p priority tag, it is placed in the appropriate priority queue. Priority queuing is useful in environments where time-sensitive data, such as voice and video, are streamed across the network.

Green Ethernet Support
The switch power consumption is much less than non-green switches and can be as low as 15.1 W.
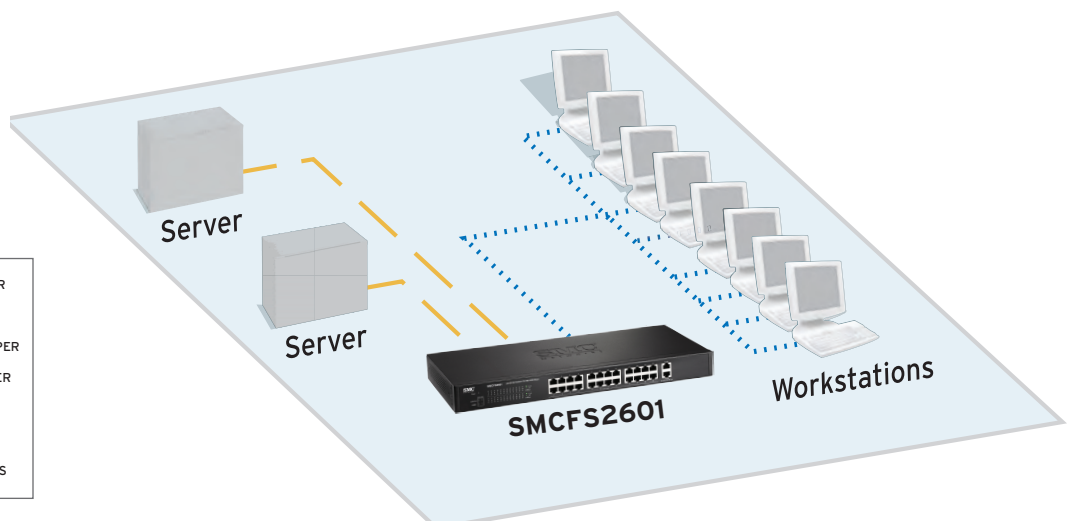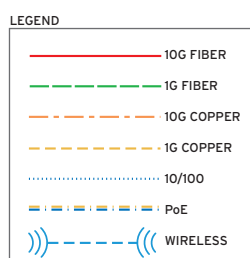
Auto MDI/MDI-X on Each Port
Support for Auto MDI/MDIX means that no crossover cables are required. Straight-through cables can be used for all connections.

Metal Chassis Fan-less Design
The compact, rack mountable metal chassis is ideal for desktop or rack mounting. In addition, the lack of fans provides silent operation.

Application Diagram

LEGEND

——————	10G FIBER
——————	1G FIBER
—·—·—·—	10G COPPER
— — — —	1G COPPER
·············	10/100
– – – –	PoE
)))– – – (((	WIRELESS

Server

Server

SMCFS2601

Workstations

SWITCHES

VDSL

WIRELESS

VOIP

STORAGE

BROADBAND

ADAPTERS

Features

PHYSICAL PORTS

SMCFS2601:

- 24 x 10/100 Mbps Auto-Negotiation RJ-45 ports
- 2 x 10/100/1000 Mbps Auto-Negotiation RJ-45 ports

NETWORK INTERFACE

- 10BASE-T (IEEE 802.3)
- 100BASE-TX (IEEE 802.3u)
- 1000BASE-T (IEEE 802.3ab)

FEATURE

- IEEE 802.1p QoS
- IEEE 802.3x Flow Control
- Auto-MDI/MDIX
- Green Saving

LEDs

- Power
- Link/Activity
- 100 Mbps / 1000 Mbps

SWITCHING DATABASE

- 8K MAC address entries

BUFFER MEMORY

- 2.5 Mbytes/device

SWITCHING CAPACITY

- 8.8 Gbps

POWER REQUIREMENT

- 100-240V~50/60Hz, 0.6A

FRAME FILTER RATE

- 10BASE-T: 14880 pps/port
- 100BASE-TX: 148800 pps/port
- 1000BASE-T: 1488000 pps/port

FRAME FORWARDING RATE

- 10BASE-T: 14880 pps/port
- 100BASE-TX: 148800 pps/port
- 1000BASE-T: 1488000 pps/port

THROUGHPUT

- 6.5 Mpps

DIMENSIONS

- 44 x 18.0 x 4.4 cm (17.4 x 7.11 x 1.73 in)

WEIGHT

- 2.4 Kg (5.28 lbs)

ELECTROMAGNETIC COMPATIBILITY

- CE Mark
- FCC Class A
- KCC

IMMUNITY

- EN55024
- IEC61000-4/2/3/4/5/6/8/11

EMISSIONS

- FCC Class A, EN55022/EN61000-3-2/3

SAFETY

- LVD (EN60950)

TEMPERATURE

- Operating Temperature: 0°C~40°C (32°F~104°F)
- Operating Humidity: 10%~90% non-condensing
- Storage Temperature: -40°C~70°C (-40°F~158°F)
- Storage Humidity: 5%~90% non-condensing

WARRANTY

Please check www.smc.com for the warranty terms in your country.

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