8-Port 10/100Mbps Desktop Fast Ethernet Switch

High-speed 10/100Mbps Workgroup Switch

PLANET Fast Ethernet Switch SW-804 provides business and home users with a cost-effective integrated system of small-office / home-office networking. It is with compact-sized plastic case design and just right for the network of 10 to 50 users.

Stable Fast Ethernet Switch Performance

The SW-804 also supports Store-and-Forward forwarding scheme to ensure low latency and high data integrity. The high performance throughput (filtering / forwarding rate: 14,880 packets per second in 10Mbps, and 148,800 packets per second in 100Mbps) and 448K bit packet buffer help the SW-804 to boost bandwidth, eliminate unnecessary traffic, and relieve congestion on your critical server path. With an intelligent address recognition algorithm, the SW-804 could recognize up to a 1K different MAC address and provide 1.6Gbps switching capacity, which makes the SW-804 offer wire-speed packets transfer performance without risk of packet loss.

Flexible Desktop Size Design

The SW-804 is the fancy-shaped plastic model to fit into space-limited environment. With concepts of "Easy to install and use", "Compact sized design", and "Simple troubleshooting", the SW-804 provides cost-conscious business and home users with the foundation from an integrated system of small-office / home-office networking.

RJ-45 Interface

- Eight 10/100Mbps Fast Ethernet ports
- Complies with IEEE 802.3, 10Base-T, IEEE 802.3u 100Base-TX Ethernet standards
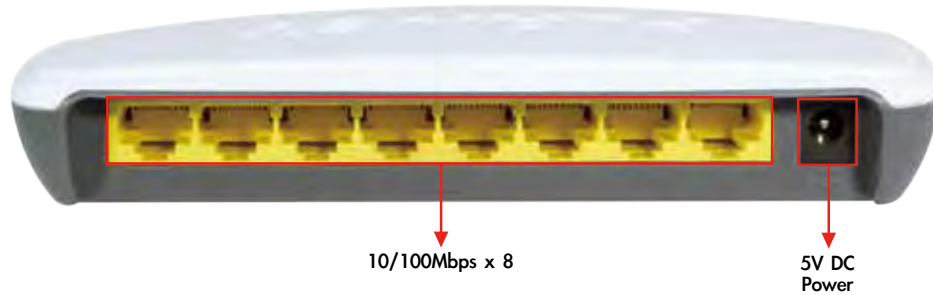- Supports auto MDI/MDI-X function

Switching

- Hardware-based 10/100Mbps, half / full duplex , flow control and auto-negotiation
- Features Store-and-Forward mode with wire-speed filtering and forwarding rates
- IEEE 802.3x flow control for full duplex operation and back pressure for half duplex operation
- Integrated address look-up engine, supporting 1K absolute MAC addresses
- Handles up to 1536bytes packet
- Automatic address learning and address aging
- Supports CSMA/CD protocol

Hardware

- Made from plastic, desktop size and wall-mount design
- LED indicators for system power, per port Link / Act
- 5V DC, 1A external power adapter
- FCC, CE Class B compliant
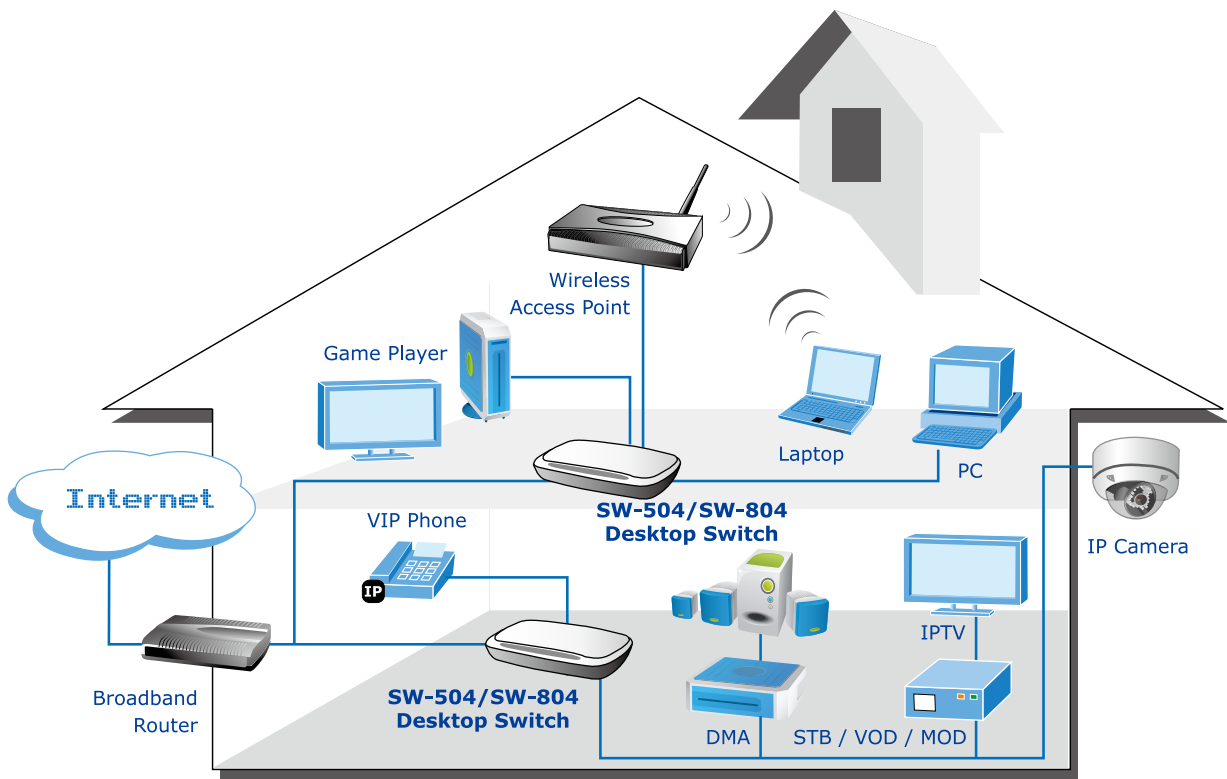
Plug & Play and Easy Installation

All RJ-45 copper interfaces in the SW-804 support 10/100Mbps auto-negotiation for optimal speed detection through RJ-45 Category 5/5e cables. Supporting standard for auto-MDI/MDI-X can detect the type of connection to any Ethernet device without requiring special straight or crossover cables. The Flow Control function allows the SW-804 to support routers and servers for direct connection to this switch with fast and reliable data transfer.

10/100Mbps x 8

5V DC Power

Applications

Ideal Switch for Home / SOHO Network

With eight 10/100Mbps ports, the SW-804 provides a cost-effective and high-performance solution for Home and SOHO network applications. To segment the network and ease the network traffic, the SW-804 is perfect for SOHO switched networks as the friendly network backbone. In addition, the network status can be monitored at a glance by the SW-804 providing array LED indicators.

Wireless Access Point

Game Player

Laptop

PC

Internet

VIP Phone

SW-504/SW-804 Desktop Switch

IP Camera

IPTV

Broadband Router

SW-504/SW-804 Desktop Switch

DMA   STB / VOD / MOD

Specifications

Product	SW-804
Hardware Specification	
Hardware Version	3
10/100Base-TX Ports	8 auto MDI/MDIX ports
LED Display	One for Power, One for Link / Act per port
Enclosure	Plastic
Dimensions (W x D x H)	168 x 100 x 29 mm
Weight (g)	152g
Power Requirements (External power adapter)	5V DC, 1A
Power Consumption (100M Full operation)	2.5 watts / 8.5 BTU
Standards Conformance	
Standards Compliance	IEEE 802.3 (Ethernet) IEEE 802.3u (Fast Ethernet) IEEE 802.3x (Full-duplex Flow Control)
Regulation Compliance	FCC Part 15 Class B, CE
Environments	
Temperature	Operating: 0~50 degrees C Storage: -10~70 degrees C
Humidity	Operating: 5~95% Storage: 5~95% (non-condensing)

Ordering Information

SW-804	8-Port 10/100Mbps Desktop Fast Ethernet Switch (plastic case)