

# 5-Port 10/100Mbps Desktop Fast Ethernet Switch



With concepts of "Easy to install and use", "Compact-sized design", and "Simple troubleshooting", PLANET SW-504 provides cost-conscious business and home users with the foundation of an integrated system of small-office / home-office networking. The SW-504 is the fancy-shaped plastic models and just right for your network of 10 to 50 users.

The SW-504 Desktop Fast Ethernet Switch is simple and cost-effective and offers high reliable network. And it is the ideal device for bridging Ethernet and Fast Ethernet workgroups or networks. Therefore, PLANET SW-504 switch will be recognized as one of the most important building blocks for today's networking technology.

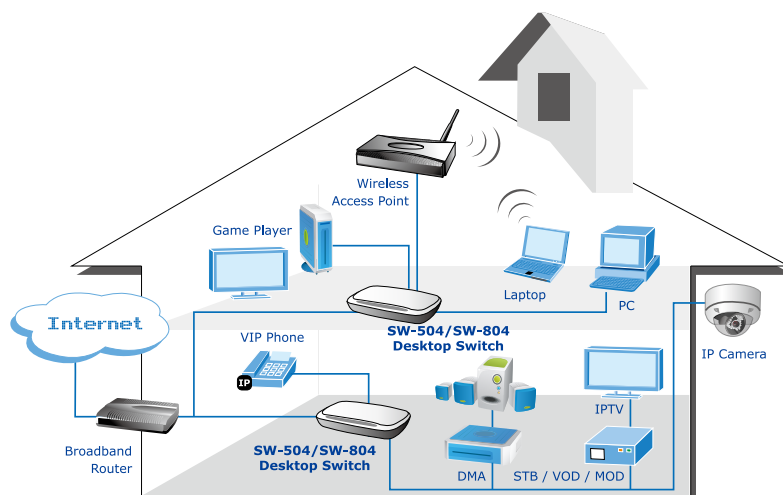
To segment the network and ease the network traffic, the 5-Port 10/100Mbps is useful for the SOHO switched networks as the friendly network backbone. With array LED indicators, the network status can be monitored at a glance.

- 5 10/100Mbps TP interfaces
- Complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX
- IEEE 802.3x flow control for full duplex operation and backpressure for half duplex operation
- Features Store-and-Forward mode with wire-speed filtering and forwarding rates
- Supports 2K absolute MAC address
- Automatic address learning and address aging
- Supports Automatic MDI/MDI-X function
- Full/half-duplex capability on each TX port
- LED indicators for simple diagnostics and management
- FCC Class B, CE compliant

## Applications

### Home Use / SOHO Switch

With 5 10/100Mbps ports, the SW-504 provides a cost-effective and high-performance solution for Home/SOHO use. In multiple applications, the advanced functionality of the SW-504 eliminates the traditional issues associated with Ethernet.

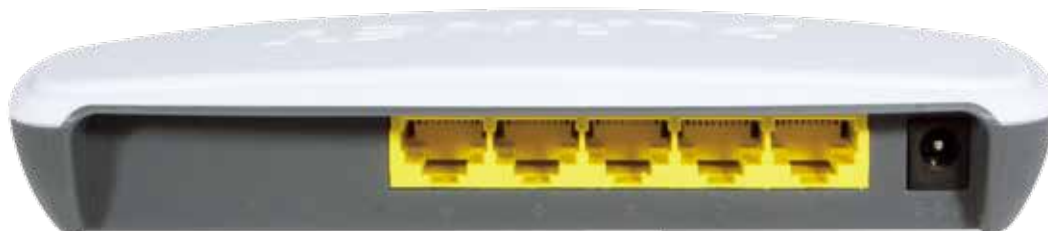


## Data Sheet

## Specifications

Model	SW-504
<b>Hardware Specifications</b>	
10/100Base-T Ports	5 Auto MDI/MDIX ports
Enclosure	Plastic
Dimensions (mm)	168 x 100 x 29
Weight (g)	142
Power Requirements (External power adapter)	DC 5V, 1A
Power Consumption / Dissipation (Full operating)	3.7 watts / 12 BTU
<b>Switch Specification</b>	
Switch Processing Scheme	Store-and-Forward
Address Table	2K entries
Share Buffer	384K
Flow Control	Back pressure half duplex, IEEE 802.3x pause frame full duplex
Switch Fabric	1.0Gbps
Throughput (packet per second)	0.744Mpps
<b>Standards Conformance</b>	
Standards Compliance	IEEE 802.3 (Ethernet) IEEE 802.3u (Fast Ethernet) IEEE 802.3x (Full-duplex Flow Control)
Temperature	Operating: 0~50 degrees C Storage: -20~70 degrees C
Operating Humidity	Operating: 5% to 90%, Storage: 5% to 90% (non-condensing)
Regulation Compliance	FCC Part 15 Class B, CE

## Interfaces



## Ordering Information

SW-504	5-Port 10/100Mbps Desktop Fast Ethernet Switch
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## Related Products

SW-804	8-Port 10/100Mbps Desktop Fast Ethernet Switch
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