

packedgedevice&software inc.

**SW5-GW**

5 Port Gigabit Ethernet Switch

User Manual – Version 1.2

#### CE Mark Warning



This equipment complies with the requirements relating to electromagnetic compatibility, EN 55022 class A for ITE, the essential protection requirement of Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to electromagnetic compatibility.

#### FCC Certifications



This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received; including interference that may cause undesired operation.

#### Trademarks:

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#### INTRODUCTION:

The SW5-GW is a compact, high-performance Gigabit Ethernet switch equipped with five auto-speed-sensing 10/100/1000Mbps ports. The switch will automatically negotiate with its connected partners on the network speed and duplex mode. The SW5-GW is perfect for segmenting large networks into smaller connected subnets for improved performance or expanding the number of ports in an AV cabinet where only one CAT5e cable is located.

The SW5-GW delivers a dedicated 10/100/1000Mbps connection to every attached client with no bandwidth congestion issue. It supports auto MDI / MDI-X function as well as 12k jumbo frames, which mean better network performance because the switch can send more data at the same time. Each port could be used to connect to another switch or hub with no crossover RJ-45 cable.

The switch is plug-n-play without any software to configure and also fully compliant with all network protocols. Its heavy duty metal chassis design provides for proper cooling and makes it easy to place on a desk, in a structured media panel or mount on a wall. In addition, the fan-less design results in silent operation, which is especially important when it is located in an AV cabinet.

Following contents in this package :

- One Gigabit Ethernet switch
- One DC power adapter
- Wall Mount Kit
- User's manual

**DEFINITION AND GUIDE:**

LED definitions:



LED	Status	Operation
Power	Steady Green	Power is on
	Off	Power is off
Link/ACT	Steady Green	Port connected
	Blinking Green	The port is transmitting/receiving data

Cable selection guide:

Network Speed	Cable Type	Max. Length
10Mbps	Cat. 3, 4, 5 UTP/STP	100 meters
100Mbps	Cat. 5 UTP/STP	100 meters
1000Mbps	Cat. 5 UTP/STP	100 meters

**SPECIFICATION:**

Standard	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3x full duplex operation and flow control
Interface	5* 10/100/1000Mbps RJ-45 Gigabit Ethernet ports
Uplink	Auto MDI/MDI-X ( Auto crossover )
Network Speed	10/100/1000Mbps & Full/Half duplex mode auto detection (1000Mbps for Full duplex only)
MAC Addr. Table	1K MAC entries
Buffer Memory	832K bits
Jumbo Frame	9K bytes
Mechanical	Dimensions- 4.75 x 3.0 x 1.0 (w x d x h, inches) Weight- 9.5 oz.
Power Supply	External Power Adapter- 5V, 1A
EMI	CE, FCC and VCCI class A

**TECHNICAL SUPPORT:**

Please visit our website for up-to-date support information:

Website: [www.pakedge.com](http://www.pakedge.com)

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