

packedgedevice&software inc.

SE-5P2-EP

5 Port PoE Plus Powered Gigabit Ethernet Switch
with Two PoE ports Pass-through

User Manual – Version 1.0

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 B 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 their 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 SE-5P2-EP 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 SE-5P2-EP has the option to be powered by a traditional A/C adapter or by a PoE+ Source. Use of PoE input gives the user the opportunity to install the switch in remote places where power outlets are inaccessible.

The SE-5P2-EP also has the option to output PoE over two ports. If you power the switch via the A/C adapter you will have two Ethernet ports that can use PoE. You can also power the switch using an 802.3at PoE Plus source and that will allow you to power the switch as well as still provide two ports of PoE.

The capabilities of this PoE Passthrough switch mean PoE powered devices can now be located further from wall power and in locations not possible before because of distance limitations.

***CAUTION:** Do not plug-in both the PoE and A/C Adapter. Doing so may damage the switch.

The SE-5P2-EP 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 9k 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.

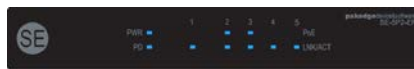
The switch is plug-n-play without any software to configure and also fully compliant with all network protocols. Its heavy duty metal chassis design provides for proper cooling and makes it easy to place on a desk or mount on a wall. In addition, the fan-less design results in silent operation, which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

Following contents in this package :

- One Gigabit Ethernet switch
- One AC power adapter (optional)
- User's manual

DEFINITION AND GUIDE:

LED definitions:



LED	Status	Operation
Power	Steady Blue	Power is on via power adapter
	Off	Power is off
PD	Steady Blue	Power is on via PoE input
	Off	Power is off
PoE	Steady Blue	PoE is active on this port
	Blinking Blue	PoE is not active on this port
Link/ACT	Steady Blue	Port connected
	Blinking Blue	The port is transmitting/receiving data



Connection	Connection Type	Speed	PoE
Power	DC Power	NA	NA
Port 1	Ethernet	10/100/1000 Mbps	802.3at (PoE+) In
Ports 2-3	Ethernet	10/100/1000 mbps	802.3af (PoE) Out
Ports 4-5	Ethernet	10/100/1000 Mbps	NA

Cable selection guide:

Network Speed	Cable Type	Max. Length
10Mbps	Cat. 3, 4, 5 UTP/STP	328 feet (100 meters)
100Mbps	Cat. 5 UTP/STP	328 feet (100 meters)
1000Mbps	Cat. 5 UTP/STP	328 feet (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	4K MAC entries
Buffer Memory	128K bits
Jumbo Frame	9K bytes
Mechanical	Dimensions- 5.87 x 3.31 x 1.02 (w x d x h, inches) Weight- 10.5 oz.
Power Supply	External AC Power Adapter- 48V, 0.8A PoE Plus 48V, 0.5A – 5W max
EMI	CE, FCC class B
Mounting	Wall mount bracket

TECHNICAL SUPPORT:

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

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CONTACT INFORMATION:

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