



LANBASED L-PS-2054V2 -B

- * Compliant with IEEE 802.3af/at
- * Metal Case with Palm Size
- * Auto-MDI/MDI-X
- * Auto-Negotiation
- * Non-Blocking
- * Store and Forward
- * Support IEEE802.3az Energy Efficient Ethernet
- * Support Broadcast Storm Control
- * Support 9K Jumbo Frame

5-port 10/100/1000M PoE+ Gigabit Ethernet Switch with 4 PSE Ports

Introduction

L-PS-2054V2 -B is 5-port 10/100/1000M PoE+ Gigabit Switch with 4 PSE ports, that is designed for small network environment to strengthen its network connection. It's also specially designed for video surveillance in buses, trains, subway cars and emergency vehicles. This product is compact in size, making it ideal for every user with limited space.

IEEE 802.3af/at Power over Ethernet (PoE) ports

L-PS-2054V2 -B features 4-port PoE IEEE 802.3at supplying up to 30 watts per port. It can automatically awareness whether the network device receive power is IEEE 802.3af/at compliant, or only the data will be sent through LAN cable. By adding L-PS-2054V2 -B to existing networking and installing networking products such as Access Points and IP cameras can be easily managed and set up. Wireless device deployments are easily located with available power outlets and network administrators don't need to use heavy AC power adapters anymore.

Auto-MDI/MDI-X

Every port can automatically sense your type of cable, so there is no need for crossover cables whether you are connecting this switch to another switch or to a computer.

Auto-Negotiation

Every port can automatically sense if the connected network devices are running at 10Mbps, 100Mbps or 1000Mbps and Half/Full-Duplex mode, and adjust accordingly.

Non-Blocking

This switch receives and forwards traffic seamlessly with its non-blocking wire-speed. Every port simultaneously supports up to 2000Mbps of bandwidth in full-duplex mode. This feature provides full wire speed to the connected devices and allows you to run a smooth network.

Storm Control

A broadcast storm control mechanism prevents the packets from flooding into other parts of the network. L-PS-2054V2 -B has an intelligent switch engine to prevent Head-of-Line blocking problems on per-CoS basis for each port.

Energy Efficient Ethernet

Ethernet is the most ubiquitous networking interface in the world; virtually all network traffic passes over multiple Ethernet links. However, the majority of Ethernet links spend much of the time idle, waiting between packets of data, but consuming power at a near constant level. Energy Efficient Ethernet (EEE) provides a mechanism and a standard for reducing this energy usage without reducing the vital function that these network interfaces perform.

Specifications

Standards	IEEE 802.3 af/at IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3x Flow Control IEEE 802.3az Energy Efficient Ethernet (EEE)
Performance	Number of Ports: 5 10/100/1000BaseT(X) with 4 PSE/Power over Ethernet Ports MAC Address: 2K Buffer Memory: 1Mbits Jumbo Frame: 9 KB Transmission Method: Store and Forward
Filtering/Forwarding Rates	1000Mbps port – 1,488,000pps 100Mbps port - 148,800pps 10Mbps port - 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP 1000BaseT Cat. 5E UTP/STP
Led Indicators	Per Port: 100M Link/Act, 1000M Link/Act, PoE Act Per Unit: Power
Input Power	100~240VAC, 50/60Hz to 54V/50W or 100~240VAC, 50/60Hz to 56V/65W
System power Consumption	5W (Max.)
PoE Power Output	PoE Budget: 45/60 W(depends on power adapters) Maximum PoE output: per port: IEEE-802.3AT 30W Rj45 pin assignment: Power over pairs 1/2(+); 3/6(-)
Dimensions	24*130*98 mm (H*W*D)
Weight	0.33 kg
Operating Temperature	0 to 45°C
Storage Temperature	-20 to 85°C
Humidity	10 to 90% RH (non-condensing)
Certifications	CE mark, Commercial; FCC Part 15 Class B VCCI Class B VCCI Class B