

EDG-6528L

8-port Industrial 10/100 Mbps Unmanaged Ethernet Switch

NEW



FCC CE

Features

- Provides 8 x 10/100 Mbps Ethernet ports with RJ-45 connector
- Supports full/half duplex flow control
- Supports MDI/MDI-X auto crossover
- Provides broadcast storm protection
- Embedded with a switch controller, supports auto-negotiation
- Embedded with memory buffer, supports store-and-forward transmission
- Supports +12 ~ 48 VDC voltage
- Provides 3,000 VDC surge protection for power line
- Provides flexible mounting: DIN rail and panel mounting

Introduction

EDG-6528L is an industrial-grade Ethernet switch for fast and cost-effective expansion of industrial Ethernet networks. EDG-6528L has eight 10/100 Mbps Ethernet ports to connect up to eight Ethernet devices. Moreover, EDG-6528L has industrial-grade design that assures high reliability and stability. Therefore, EDG-6528L is an excellent solution for industrial environments with Ethernet networking, such as: semiconductor factories, inventory control environments, assembly lines and production facilities.

EDG-6528L includes a switch controller that can automatically sense transmission speeds. (10/100 Mbps) The RJ-45 interface can also be auto-detected, so MDI or MDI-X is automatically selected and a crossover cable is not required. All Ethernet ports have memory buffers that support the store-and-forward mechanism. This assures that data is properly transmitted.

EDG-6528L is extremely compact and can be mounted on a DIN-rail or a panel, so it is suitable for any space-constrained environment. The power line of EDG-6528 supports up to 3000 VDC surge protection, which secure equipment against unregulated voltage and make systems safer and more reliable. The operating temperature of the EDG-6528L is between 0 and 70° C. With such a wide range you can use the EDG-6528L in some of the harshest industrial environments that exist.

LED indicators make troubleshooting quick and easy. Each port has LEDs that display the link status and the 10 or 100 Mbps network which you are using. That's very helpful for immediate on-site diagnosis.

Specifications

General

- **Certifications** CE, FCC class A
- **Connectors** 8 x RJ-45
- **Enclosure** Aluminum (with mounting bracket)
- **LED Indicators** Power, LINK, 10/100 Mbps
- **Mounting** DIN 35 rail, wall
- **Power Consumption** Max. 3.1 W
- **Power Input** Unregulated 12~48 V_{DC}

Communications

- **LAN** 8 x 10/100Base-Tx (RJ-45)
- **Compatibility** IEEE 802.3, IEEE 802.3u
- **Transmission Distance** 100 m (Ethernet)

Protection

- **Surge Protection** 3000 V_{DC} (Power)

Environment

- **Operating Temperature** 0 ~ 70° C (31 ~ 158° F)
- **Storage Temperature** -10 ~ 80° C (14~176° F)
- **Operating Humidity** 20~95% (non-condensing)
- **Storage Humidity** 0~95% (non-condensing)

Ordering Information

- **EDG-6528L** 8-port Industrial 10/100Mbps Unmanaged Ethernet Switch