

2220012512

# Cisco IE-4000-4GS8GP4G-E

IE-4000-4GS8GP4G-E POE+



## Description

The Cisco® Industrial Ethernet (IE) 4000 Series delivers Gigabit connectivity to Cisco ruggedized switching portfolio with superior high-bandwidth switching capacity and proven Cisco IOS® Software. The IE 4000 Series provides highly secure access and industry-leading convergence ring protocols to support resilient and scalable networks while adhering to industry compliance requirements.

The IE 4000 Series is ideal for industrial Ethernet applications where hardened products are required, including manufacturing, energy, transportation, smart cities. The IE4000 has built-in SW image verification to ensure authenticity of the Cisco Software. With improved overall performance, greater bandwidth, advanced security features, and enhanced hardware, the Cisco IE 4000 Series complements the current industrial Ethernet portfolio of related Cisco industrial switches, such as the Cisco IE 2000 and IE 3000. The IE 4000 Series can be used to easily and securely extend the enterprise network to harsh environments with a software-defined access extension for the Internet of Things (IoT) enabling connectivity in outdoor areas, warehouses, distribution centers, roadways, etc., using powerful enterprise-grade intent-based network management platform such as Cisco DNA Center. The Cisco IE 4000 can easily be installed. with a GUI based Device Manager, it also offers out-of-the-box industrial usage configuration and simplified manageability to deliver advanced security, data, video, and voice services over industrial networks. The IE 4000 executes edge applications using Cisco IOx to transform sensor data into insight and action. With Cisco IOx for customers take advantage of consistent, distributed computing across Cisco IoT network infrastructure.

# Specifications

## SPECIFICATION

- 8x Gigabit Ethernet  
10/100/1000 PoE+ ports

- \* 4x 1GE combo ports  
(RJ-45 or SFP)

- Layer 2 LAN Base  
image installed

- Alarm I/O: Two alarm  
inputs to detect dry  
contact open or close; one  
alarm output relay

- Maximum PoE budget  
125W

## ENVIRONMENT

Operating temperature	-40°C to +70°C (vented enclosure)
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	-40°C to +60°C (sealed enclosure)
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	-34°C to +75°C (fan or blower-equipped enclosure)
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Storage temperature	-40°C to +85°C (storage temperature)
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Operating relative humidity	5 to 95% (non-condensing)
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## ELECTRICAL CHARACTERISTICS

Input voltage	9.6 - 60VDC
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Maximum DC input current	4.3 A
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Maximum power consumption	165 W
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**DIMENSIONS & WEIGHT**

Dimensions (W x D x H)	155.4mm x 155.4mm x 129.2mm
Weight	2.88 kg
Mounting	DIN-rail mounting

**Accessories**



**GLC-SX-MMD**

Cisco 1000Base-SX SFP  
Transceiver Module for  
MultiMode Fiber - IEC60945  
Compliant



**GLC-LH-SMD**

Cisco 1000BASE-LX/LH SFP  
for Both Multimode and  
Single-Mode Fibers