



## IE-4000-8GT4G-E DataSheet

Cisco IE-4000-8GT4G-E is a rugged industrial switch with 8 Gigabit copper ports and 4 GE combo uplinks, designed for secure, high-speed industrial networking.

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### IE-4000-8GT4G-E Description

IE-4000-8GT4G-E is a Cisco Industrial Ethernet 4000 Series switch featuring 8 Gigabit copper (RJ45) ports and 4 Gigabit combo uplinks (SFP/RJ45). Designed for demanding industrial environments, this robust model delivers reliable high-speed Ethernet connectivity for critical automation, smart city, utility, and transportation networks. IE-4000-8GT4G-E supports Cisco IOS security, advanced redundancy, and seamless integration with industrial protocols—ideal for scalable, future-ready network expansion.

### Product Highlights

Ethernet Ports

Combo ports(SFP/RJ-45)

Operating Temperature

### Quick Specs

Key Parameter	Value
Copper Ports	8
SFP Fiber Ports	0



Combo Uplink Ports	4
PoE/PoE+ Ports	0
Switching Capacity	20 Gbps
Operating Temp.	-40 to 70°C
Power Supply	Redundant DC
Software	LAN Base
Form Factor	Compact, Rugged

## Key Features

## Rugged Industrial Ethernet Switch Product Comparison

Model	Copper Ports	SFP Fiber Ports	Combo Uplink Ports	PoE Ports	Switching Capacity	Operating Temp.	Power Supply	Software	Form Factor
<b>IE-4000-8GT4G-E</b>	8	0	4	0	20 Gbps	-40 to 70°C	Redundant DC	LAN Base	DIN Rail
<a href="#">IE-4000-8GS4G-E</a>	0	8	4	0	20 Gbps	-40 to 70°C	Redundant DC	LAN Base	DIN Rail
IE-4000-8GT8GP4G-E	8	0	4	8	20 Gbps	-40 to 70°C	Redundant DC	LAN Base	DIN Rail



## Front Panel Overview

The illustrations in this section provide an overview of the variety of components available on the various switch models in this product family. Not all models are illustrated.

1	SFP module slots (uplink ports)	6	Power connector DC-B
2	10/100/1000 Ethernet ports (downlink ports)	7	Power connector DC-A
3	Flash memory card slot	8	RJ-45 console port
4	Alarm connector	9	USB mini-Type B (console) port1
5	Protective ground connection	10	Dual-purpose ports (uplink ports)



## Specification

Parameter	Value	Parameter	Value
<b>Model</b>	IE-4000-8GT4G-E	<b>Series</b>	Industrial Ethernet 4000
<b>Copper Ports</b>	8 x GE RJ45	<b>SFP Fiber Ports</b>	0
<b>Combo Uplink Ports</b>	4 (GE SFP or RJ45)	<b>PoE/PoE+ Ports</b>	0



Parameter	Value	Parameter	Value
Switching Capacity	20 Gbps	Forwarding Rate	Line rate for all ports
MAC Addresses	16,000	VLANs	1,000
IGMP Groups	1,000	Queues	4 egress
Alarm Inputs	2	Alarm Outputs	1 relay
Power Supply	Redundant DC (9.6–60VDC)	Max Input Current	4.3A
Power Consumption	40W (excl. PoE)	Operating Temperature	-40 to 70°C
Storage Temperature	-40 to 85°C	Humidity	5%–95% non-condensing
Dimensions (H×W×D)	155.4 × 155.4 × 129.2 mm	Weight	2.88 kg
Mounting	DIN Rail	Software	LAN Base
Removable SD Card	1GB included	Flash Memory	128MB onboard
DRAM	1GB	Console Ports	RJ45, Mini-USB
Layer 2 Features	IEEE 802.1Q, PVST+, REP, QinQ, etc.	Security	802.1x, DAI, DHCP Snooping, SSH
QoS	Ingress policing, AutoQoS	Redundancy	REP, MRP, PRP, HSR
Protocols	CIP, PROFINET, Modbus TCP	Certifications	UL, CSA, EN 60950-1, ATEX, DNV
Warranty	5 years	MTBF	591,240 hours

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