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## Overview

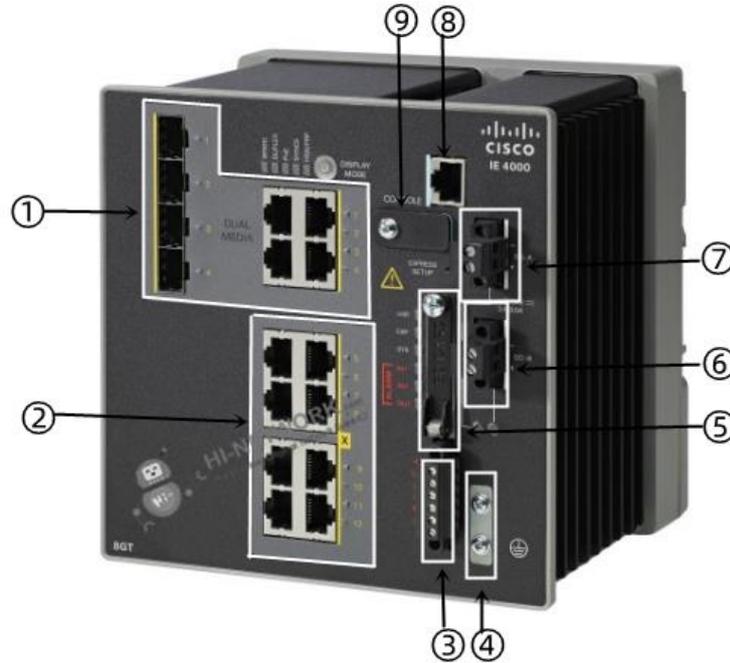
IE-4000-8GT4G-E is an IE4000 series switch providing 8 x RJ45 10/100/1000, 4 x 1G Combo, and LAN Base. The IE 4000 Series is ideal for industrial Ethernet applications where hardened products are required, including manufacturing, energy, transportation, smart cities. The IE4000 has built-in SW image 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.

## Quick Specification

Part Number	IE-4000-8GT4G-E
Total Ports	12
GE combo uplinks (4G)	4 GE combo uplink ports
SFP fiber ports (S)	8 GE
Default software	LAN Base feature set
Dimensions (H x W x D)	6.12 x 6.12 x 5.09 in. (155.4 x 155.4 x 129.2 mm)
Weight	6.35 pounds (2.88 kg)

## Product Details:

### The Front Panel:



①	4 GE combo uplink ports
②	8GE SFP fiber ports
③	Alarm connector
④	Protective ground connection
⑤	Flash memory card slot
⑥	Power connector DC-B
⑦	Power connector DC-A
⑧	RJ-45 console port
⑨	USB mini-Type B (console) port (Use a screwdriver to remove the port cover and access the port.)

## The Back Panel:



## The Accessories

### Modules and Cables:

Models	Description
L-IE4000-RTU=	Electronic IP SERVICES License for IE4000 Switches
C1F1PIE4K5K1K9	Cisco ONE Foundation Perpetual - IE 4000/5000
C1A1PIE40001K9	Cisco ONE Advanced Perpetual - IE 4000
GLC-SX-MM-RGD	Cisco GLC-SX-MM-RGD 1000Mbps Multi-Mode Rugged SFP
<a href="#">GLC-BX40-U-1</a>	1000BASE-BX10 SFP module for single-strand SMF, 1310-nm TX/1550-nm RX wavelength, single LC/PC connector
GLC-TE	1000BASE-T SFP transceiver module for Category 5 copper wire
<a href="#">GLC-ZX-SM</a>	1000BASE-ZX SFP
<a href="#">GLC-BX-U</a>	1000BASE-BX SFP, 1310NM
<a href="#">SFP-GE-L</a>	1000BASE-LX/LH SFP (DOM)
<a href="#">GLC-ZX-SMD</a>	Cisco GLC-ZX-SMD 1000BASE-ZX SFP transceiver module, SMF, 1550nm, DOM
<a href="#">GLC-SX-MMD</a>	Cisco GLC-SX-MMD 1000BASE-SX SFP transceiver module, MMF, 850nm, DOM
GLC-FE-100EX	100BASE-EX SFP (40km)
<a href="#">GLC-FE-100BX-U</a>	100BASE-BX10-U SFP

## Compare To Similar Items

Part Number	<a href="#">IE-4000-8GT4G-E</a>	IE-4000-16T4G-E
Total ports	12	20
GE combo uplinks (4G)	4 GE	4 GE combo uplink ports
RJ-45 copper ports (T)	8 GE	16 FE
Default software	LAN Base feature set	LAN Base feature set

Get more information:

Do you have any question about the IE-3300-8GS4G-E?

Contact us now via e-mail: [info@hi-network.com](mailto:info@hi-network.com)

## Specific Data Sheet:

Physical Specification	
Total ports	12
GE combo uplinks (4G)	4 GE combo uplink ports (Combo ports provide one copper and one fiber physical port and only one can be activated at a time.)
SFP fiber ports (S)	8 GE
Default software	LAN Base feature set (Can be upgraded to IP Services at a fee.)
Hardware	<ul style="list-style-type: none"> <li>● 1GB DRAM</li> <li>● 128-MB onboard flash memory</li> <li>● 1-GB removable SD flash memory card</li> <li>● Mini-USB connector</li> <li>● RJ-45 connector</li> </ul>
Alarms	Alarm I/O: two alarm inputs to detect dry contact open or closed, one alarm output relay
Power inputs	<ul style="list-style-type: none"> <li>● Redundant DC input voltage with operating range: nominal 9.6 to 60VDC</li> <li>● Maximum DC input current: 5A</li> </ul>
Power consumption	42W
Dimensions (H x W x D)	6.12 x 6.12 x 5.09 in. (155.4 x 155.4 x 129.2 mm)
Weight	6.35 pounds (2.88 kg)
Switch performance and scalability	
Forwarding rate	Line rate for all ports and all packet sizes
Number of queues	4 egress
Unicast MAC addresses	16,000
Internet Group Management Protocol (IGMP) multicast groups	1,000
No. of VLANs	1,000

IPv4 MAC security ACEs	1,000 with default TCAM Template
NAT translation	Bidirectional, 128 unique subnet NAT translation entries, which can expand to tens of thousands of translated entries if designed properly

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