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IE-2000-8TC-G-E DataSheet

IE-2000-8TC-G-E industrial switch: 8 FE ports, 2 GE SFP uplinks, DIN rail, dual DC power, enhanced LAN Base, rugged, secure networking for harsh sites.

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IE-2000-8TC-G-E Description

IE-2000-8TC-G-E is a Cisco Industrial Ethernet 2000 Series switch, offering 8 Fast Ethernet copper ports and 2 Gigabit SFP/RJ45 combo uplinks. Designed for tough industrial environments, this compact and rugged switch ensures reliable networking for factories, energy, and infrastructure. IE-2000-8TC-G-E supports enhanced LAN Base software, VLANs, advanced security, and industrial protocols, delivering gigabit backbone connectivity and high reliability for automation, SCADA, and process control applications. Also known as Cisco IE2000-8TC-G-E, this model is ideal for smart manufacturing, utilities, and transportation systems.

Product Highlights

Copper Ports

Combo Uplink Ports(SFP/RJ45)

Maximum Forwarding rate

Quick Specs

Key Parameter	Value
Copper Ports	8 x FE

Combo Uplink Ports	2 x GE SFP/RJ45
SFP Support	Yes
VLANs Supported	1005
PoE Support	No
Mounting	DIN rail
Power Input	Dual DC
Temp. Range	-40°C to 75°C

Key Features

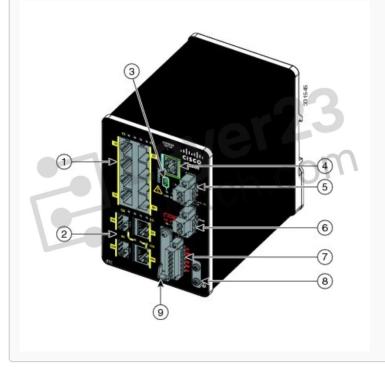## Rugged Industrial Ethernet Switch Product Comparison

Feature	IE-2000-8TC-G-E	IE-2000-8TC-G-B	IE-2000-16TC-G-E
Total Ports	10	10	20
Copper FE Ports	8	8	16
Combo Uplink Ports	2 x GE SFP/RJ45	2 x GE SFP/RJ45	2 x GE SFP/RJ45 + 2 FE
SFP Support	Yes (GE)	Yes (GE)	Yes (GE + FE)
VLANs Supported	1005	1005	1005
MAC Addresses	8000	8000	8000
Power Input	Dual DC	Dual DC	Dual DC
Operating Temp	-40°C to 75°C	-40°C to 75°C	-40°C to 75°C
Dimensions (mm)	130×91.4×115	130×91.4×115	130×127×134
Mounting	DIN Rail	DIN Rail	DIN Rail
PoE Support	No	No	No

Software License	LAN Base Enhanced	LAN Base	LAN Base Enhanced

Front Panel View

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

Specification

Parameter	Value	Parameter	Value
Model	IE-2000-8TC-G-E	**Series**	Industrial Ethernet 2000

Parameter	Value	Parameter	Value
Total Ports	10	Copper Ports	8 x 10/100 FE
Combo Uplinks	2 x GE SFP/RJ45	SFP Support	Yes (GE)
Mounting	DIN Rail	Dimensions	130×91.4×115 mm
Weight	2.75 lbs (1.25 kg)	Power Input	Dual DC
Input Voltage	24-48 VDC	Power Consumption	12.5-20W
Operating Temp	-40°C to 75°C	Storage Temp	-40°C to 85°C
Humidity	5% to 95% (non-cond)	Certifications	UL508, IEC 61850-3, etc.
Shock	30G (IEC 60068-2-27)	Vibration	IEC 60068-2-6
MAC Address Table	8,000	VLANs Supported	1005
IGMP Groups	255	IPv4 Routing	Static Routing
Software	LAN Base Enhanced	Security	802.1X, ACLs, SSH
Protocols	EtherNet/IP, PROFINET	REP/MRP Support	Yes
Alarm I/O	2 Inputs, 1 Output	SD Card Slot	Optional
Fanless	Yes	MTBF	374,052 hrs
Management	Web, SNMP, CLI	Redundancy	Dual DC
Compliances	CE, FCC, EN50121-4	Warranty	5 years

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