



IE-2000-16TC-G-E DataSheet

Cisco IE-2000-16TC-G-E: 16 FE ports, 2 GE SFP, 2 FE uplinks, enhanced LAN Base, rugged, secure, dual DC power, DIN rail switch for industrial automation.

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IE-2000-16TC-G-E Description

IE-2000-16TC-G-E is a Cisco Industrial Ethernet 2000 Series switch featuring 16 Fast Ethernet copper ports, 2 Gigabit SFP/RJ45 combo uplinks, and 2 additional FE uplinks. Engineered for industrial environments, this compact, DIN-rail-mountable switch offers reliable and secure networking for automation, utilities, energy, and transportation. With enhanced LAN Base software, advanced VLANs, static routing, and support for industrial protocols, the IE-2000-16TC-G-E provides robust connectivity and redundancy for mission-critical deployments. Also known as Cisco IE2000-16TC-G-E, it's the ideal choice for large-scale industrial networks needing high port density and gigabit backbone.

Product Highlights

Copper Ports
Combo Uplink Ports(SFP/RJ45)
Maximum Forwarding rate

Quick Specs

Key Parameter	Value
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Copper Ports	16 x FE
Combo Uplink Ports	2 x GE SFP/RJ45
FE Uplink Ports	2 x FE
SFP Support	Yes
VLANs Supported	1005
PoE Support	No
Mounting	DIN rail
Power Input	Dual DC
Temp. Range	-40°C to 75°C
Software	LAN Base Enhanced

Key Features

Rugged Industrial Ethernet Switch Product Comparison

Feature	IE-2000-16TC-G-E	IE-2000-8TC-G-E	IE-2000-16TC-B
Total Ports	20	10	20
Copper FE Ports	16	8	16
Combo Uplink Ports	2 x GE SFP/RJ45	2 x GE SFP/RJ45	2 x FE SFP/RJ45
Extra FE Uplinks	2 x FE	-	2 x FE
SFP Support	Yes	Yes	Yes
VLANs Supported	1005	1005	1005
MAC Addresses	8000	8000	8000
Power Input	Dual DC	Dual DC	Dual DC

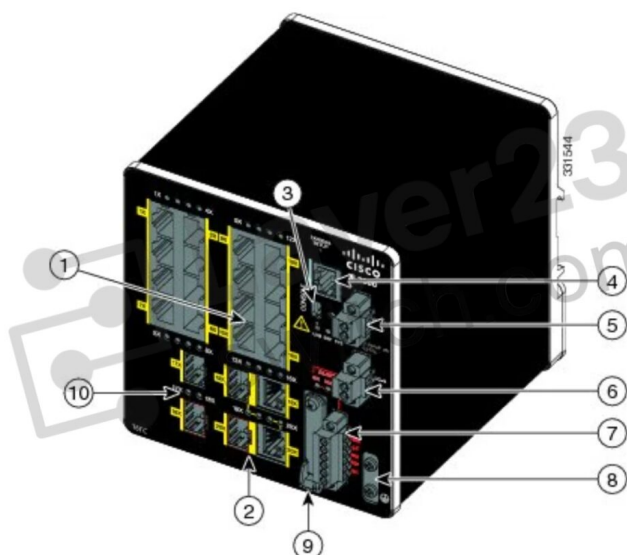
Operating Temp	-40°C to 75°C	-40°C to 75°C	-40°C to 75°C
Dimensions (mm)	130×127×134	130×91.4×115	130×127×134
Mounting	DIN Rail	DIN Rail	DIN Rail
PoE Support	No	No	No
Software License	LAN Base Enhanced	LAN Base Enhanced	LAN Base

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	10	SFP module slots (uplink ports)

¹ Use a screwdriver to remove the port cover and access the port.

² Remove the plastic cover to access the power connector.



Specification

Parameter	Value	Parameter	Value
Model	IE-2000-16TC-G-E	Series	Industrial Ethernet 2000
Total Ports	20	Copper Ports	16 x 10/100 FE
Combo Uplinks	2 x GE SFP/RJ45	FE Uplinks	2 x FE
SFP Support	Yes	Mounting	DIN Rail
Dimensions	130x127x134 mm	Weight	4.35 lbs (1.97 kg)
Power Input	Dual DC	Input Voltage	24-48 VDC
Power Consumption	21-30W	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

Parameter	Value	Parameter	Value
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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