

Cisco Industrial Ethernet 2000 Series

Switch - Managed - 16 x 10/100 + 2 x combo Fast Ethernet SFP + 2 x Fast Ethernet SFP - DIN rail mountable

Group	Network Equipment
Manufacturer	Cisco
Manufacturer item no.	IE-2000-16TC-L
EAN/UPC	0882658495472



Description

The Cisco Industrial Ethernet 2000 (IE 2000) series is a range of compact, industrially ruggedized access switches. IE 2000 series provides customers with ease of use, secure access, and industry leading convergence using Cisco Resilient Ethernet Protocol (REP). Multiple industries such as automotive, oil and gas, mining, transportation, and energy companies are all increasingly requiring IP based networks in their production areas. The IE 2000 additions have been designed to support access layer connectivity and to meet the increasing needs for security, voice, and video traffic across industrial networks.

Main features

Product Description	Cisco Industrial Ethernet 2000 Series - switch - 20 ports - Managed
Device Type	Switch - 20 ports - Managed
Subtype	Fast Ethernet
Ports	16 x 10/100 + 2 x combo Fast Ethernet SFP + 2 x Fast Ethernet SFP
Performance	Forwarding performance (64-byte packet size): 6.5 Mpps
Capacity	Virtual interfaces (VLANs): 255
MAC Address Table Size	8K entries
Routing Protocol	IGMP, static IPv4 routing
Remote Management Protocol	SNMP 3, HTTPS, SSH
Features	DHCP support, Broadcast Storm Control, Multicast Storm Control, Unicast Storm Control, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Quality of Service (QoS), Port Security, Remote Switch Port Analyzer (RSPAN)
Compliant Standards	IEEE 802.1x
Dimensions (WxDxH)	7.37 cm x 11.46 cm x 12.7 cm
Weight	1.11 kg

Extended details

General

Device Type	Switch - 20 ports - Managed
Enclosure Type	DIN rail mountable
Subtype	Fast Ethernet
Ports	16 x 10/100 + 2 x combo Fast Ethernet SFP + 2 x Fast Ethernet SFP
Performance	Forwarding performance (64-byte packet size): 6.5 Mpps

Capacity	Virtual interfaces (VLANs): 255
MAC Address Table Size	8K entries
Routing Protocol	IGMP, static IPv4 routing
Remote Management Protocol	SNMP 3, HTTPS, SSH
Authentication Method	Secure Shell (SSH), RADIUS, TACACS+
Features	DHCP support, Broadcast Storm Control, Multicast Storm Control, Unicast Storm Control, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Quality of Service (QoS), Port Security, Remote Switch Port Analyzer (RSPAN)
Compliant Standards	IEEE 802.1x
RAM	256 MB
Flash Memory	64 MB
	Expansion / Connectivity
Interfaces	16 x 100Base-TX RJ-45 2 x 100Base-TX RJ-45 4 x SFP (mini-GBIC)
Expansion Slots	1 (total) / 1 (free) x SD Memory Card
	Miscellaneous
Rack Mounting Kit	Optional
MTBF	374,052 hours
Compliant Standards	C-Tick, CISPR 22 Class A, CISPR 24, IEC 61000-4-11, VCCI Class A ITE, EN55022 Class A, EN 61000-6-1, EN 61000-4-4, EN 61000-4-2, EN 61000-4-3, EN 61000-4-6, ICES-003 Class A, EN 61000-4-5, RoHS, FCC CFR47 Part 15, EN 61000-4-8, UL 60950-1, IEC 60950-1, EN 60950-1, EN 61000-6-4, IEC 60068-2-30, KCC, IEC 60068-2-27, IEC 60068-2-6, UL 508, FCC Part 15 A, IEC 60529 IP30, CISPR 11, CSA 22.2 No. 142, EN 61131-2, EN 61326-1, EN 61000-4-9, EN 61000-4-29, IEC 60068-2-14
	Software / System Requirements
Software Included	Cisco IOS LAN Lite
	Dimensions & Weight
Width	7.37 cm
Depth	11.46 cm
Height	12.7 cm
Weight	1.11 kg
	Manufacturer Warranty
Service & Support	Limited warranty - 1 year
	Environmental Parameters
Humidity Range Operating	5 - 95% (non-condensing)
Min Storage Temperature	-40 °C
Max Storage Temperature	85 °C

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