

Cisco Industrial Ethernet 2000 Series

Switch - Managed - 4 x SFP + 2 x Gigabit SFP - DIN rail mountable

Group	Network Equipment
Manufacturer	Cisco
Manufacturer item no.	IE-2000-4S-TS-G-B
EAN/UPC	0882658611940



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 - 6 ports - Managed
Device Type	Switch - 6 ports - Managed
Subtype	Fast Ethernet
Ports	4 x SFP + 2 x Gigabit SFP
Performance	Forwarding performance (64-byte packet size): 6.5 Mpps
Capacity	Virtual interfaces (VLANs): 255 IGMP groups: 255
MAC Address Table Size	8K entries
Routing Protocol	IGMPv2, IGMP, IGMPv3, static IPv4 routing
Remote Management Protocol	SNMP 1, SNMP 2, RMON 2, RMON, Telnet, SNMP 3, HTTP, HTTPS, TFTP, SSH
Features	NAT support, BOOTP support, ARP support, Syslog support, Broadcast Storm Control, IPv6 support, full duplex mode, Multicast Storm Control, Unicast Storm Control, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, DHCP snooping, Quality of Service (QoS), Digital Optical Monitoring (DOM) support, Dynamic ARP Inspection (DAI), Uni-Directional Link Detection (UDLD), LLDP support, Link Aggregation Control Protocol (LACP), Port Security, Remote Switch Port Analyzer (RSPAN), Management Information Base (MIB), 2MB packet buffer, 802.1x authentication, FTP client, SNMP support, Precision Time Protocol (PTP)
Compliant Standards	IEEE 802.3, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.3ah, IEEE 802.1ab (LLDP), IEEE 802.11p
Dimensions (WxDxH)	13 cm x 8 cm x 11.5 cm
Weight	1.22 kg

Extended details

General

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Subtype	Fast Ethernet
Ports	4 x SFP + 2 x Gigabit SFP
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MAC Address Table Size	8K entries
Routing Protocol	IGMPv2, IGMP, IGMPv3, static IPv4 routing
Remote Management Protocol	SNMP 1, SNMP 2, RMON 2, RMON, Telnet, SNMP 3, HTTP, HTTPS, TFTP, SSH
Encryption Algorithm	SSL
Authentication Method	RADIUS, TACACS+
Features	NAT support, BOOTP support, ARP support, Syslog support, Broadcast Storm Control, IPv6 support, full duplex mode, Multicast Storm Control, Unicast Storm Control, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, DHCP snooping, Quality of Service (QoS), Digital Optical Monitoring (DOM) support, Dynamic ARP Inspection (DAI), Uni-Directional Link Detection (UDLD), LLDP support, Link Aggregation Control Protocol (LACP), Port Security, Remote Switch Port Analyzer (RSPAN), Management Information Base (MIB), 2MB packet buffer, 802.1x authentication, FTP client, SNMP support, Precision Time Protocol (PTP)
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RAM	256 MB
Flash Memory	64 MB
	Expansion / Connectivity
Interfaces	4 x 100Base-BX SFP 2 x SFP 1 x mini-USB 1 x console RJ-45
Expansion Slots	1 (total) / 1 (free) x SD Memory Card
	Miscellaneous
MTBF	374,052 hours
Compliant Standards	CSA, UL, BSMI, CISPR 22 Class A, CISPR 24, IEC 61000-4-11, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, EN55024, EN55022 Class A, EN 61000-6-1, EN 61000-4-4, EN 61000-4-2, EN 61000-4-3, EN 61000-4-6, EMC, ICES-003 Class A, EN 61000-4-5, EN 61000-6-2, EN 61000-4-11, 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, ANATEL, IEC 60945, CSA C22.2 No. 60950-1, CISPR 11, CSA 22.2 No. 142, EN 61131-2, EN 61326-1, IEC 60068-2-64, EN 61000-4-9, EN 61000-4-16, EN 61000-4-29, EN50155, AS/NZS, EMI, IEC 60068-2-60, EN 50121-4, IP30, NOM-019-SCFI-1998, Directive 2011/65/EU, VCCI Class A, KN24, CNS 13438(95) Class A, IEC 61373, IEC 61000-4-9, KN22 Class A, China RoHS, EN 50121-3-2, RoHS 2011/65/EU
	Software / System Requirements
Software Included	Cisco IOS LAN Base
	Dimensions & Weight
Width	13 cm
Depth	8 cm
Height	11.5 cm
Weight	1.22 kg

Service & Support	Limited warranty - 5 years
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Environmental Parameters	
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Humidity Range Operating	5 - 95% (non-condensing)
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Min Storage Temperature	-40 °C
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Max Storage Temperature	85 °C
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