

Cisco Catalyst IE3400 Rugged Series Advanced Expansion Module

Expansion module - Gigabit Ethernet x 8 - for Catalyst IE3400 Rugged Series

Group	Network Equipment
Manufacturer	Cisco
Manufacturer item no.	IEM-3400-8T=
EAN/UPC	0889728223386



Description

The Cisco Catalyst IE3400 Rugged series ushers in mainstream adoption of Gigabit Ethernet connectivity in a compact, form-factor, modular switch that is purpose-built for a wide variety of extended enterprise and industrial applications.

Main features

Product Description	Cisco Catalyst IE3400 Rugged Series Advanced Expansion Module - expansion module - Gigabit Ethernet x 8
Device Type	Expansion module
Form Factor	DIN rail mountable
Ports	Gigabit Ethernet x 8
Dimensions (WxDxH)	6.1 cm x 13.5 cm x 15.2 cm
Weight	880 g
Cabling Type	Ethernet 1000Base-T
Data Link Protocol	GigE
Capacity	IGMP groups: 1000 VLAN IDs: 256 Spanning Tree Protocol instances: 128 ACL: 1500
MAC Address Table Size	8000 entries
Network / Transport Protocol	TCP/IP, UDP/IP, NTP, ARP, FTP, BOOTP, DHCP, HTTP
RAM	4 GB
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.3ah, IEEE 802.1ab (LLDP), IEEE 1588v2
Power	DC 9.6 - 60 V
Designed For	Catalyst IE3400 Rugged Series

Extended details

General

Device Type	Expansion module
Form Factor	DIN rail mountable

Networking

Ports	Gigabit Ethernet x 8
Connectivity Technology	Wired
Cabling Type	Ethernet 1000Base-T
Data Link Protocol	Gigabit Ethernet
Capacity	IGMP groups: 1000 VLAN IDs: 256 Spanning Tree Protocol instances: 128 ACL: 1500
MAC Address Table Size	8000 entries
Network / Transport Protocol	TCP/IP, UDP/IP, NTP, ARP, FTP, BOOTP, DHCP, HTTP
Remote Management Protocol	SNMP 1, SNMP 2, SNMP, RMON, Telnet, SNMP 3, HTTP, TFTP, SSH, SCP, NETCONF, RESTCONF, NTP, ICMP, DHCP, RSTP, YANG, TACACS+, RADIUS
Features	IGMP snooping, DiffServ support, Broadcast Storm Control, Multicast Storm Control, Unicast Storm Control, Spanning Tree Protocol (STP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Quality of Service (QoS), DHCP server, Per-VLAN Spanning Tree Plus (PVST+), Uni-Directional Link Detection (UDLD), LACP support, LLDP support, DHCP relay, Port Security, Remote Switch Port Analyzer (RSPAN), Management Information Base (MIB), dynamic ARP protection, static routing, Flexible NetFlow (FNF), Precision Time Protocol (PTP), IGMP filtering, IP source guard, Resilient Ethernet Protocol (REP), SmartPort technology, IGMP querier, Voice VLAN, Guest VLAN, Switched Port Analyzer (SPAN), VLAN Trunking Protocol (VTP) v.3, BPDU Guard, 802.1x filtering, VLAN Trunking Protocol (VTP) v.2, EtherChannel support
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.3ah, IEEE 802.1ab (LLDP), IEEE 1588v2
Processor / Memory	
RAM	4 GB
Flash Memory	1.5 GB
Supported Memory Cards	SD Memory Card
Expansion / Connectivity	
Interfaces	8 x 1000Base-T - RJ-45
Miscellaneous	
MTBF	3,385,166 hours
Compliant Standards	CISPR 24, EN55024, 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, EN 61000-6-2, EN 61000-4-8, IEC 60950-1, EN 61000-6-4, IEC 60068-2-30, IEC 60068-2-27, EN 61326-1, EN 61000-4-16, EN 61000-4-29, IEC 60068-2-14, IEC 60068-2-78, EN 50121-4, IP30, VCCI Class A, CISPR 11 class A, EN 61000-4-10, EN 61000-4-18, IEC 61850-3, FCC CFR47 Part 15 B Class A, CNS 13438 Class A, EN 300 386, KN35, UL/CSA60950-1, AS/NZS CISPR 32 Class A, KN32 Class A, IEC 62368-1, EN 55032, EN 60068-2-52, EN 60068-2-60, CISPR 32 Class A, UL 62368-1, EN 60079-15, CB 60950-1, IEC 60079-0, IEC 60079-15, EN 60079-0, EN 61000-4-17, CAN/CSA C22.2 No. 213, UL 121201, EN 61850-3, UL/CSA 61010-2-201, IEC/EN 61010-2-201, UL/CSA 60079-0, UL/CSA 60079-15, CSA 62368-1, CB 62368-1
Power	
Voltage Required	DC 9.6 - 60 V
Power Consumption Operational	12 Watt
Dimensions & Weight	
Width	6.1 cm

Depth	13.5 cm
Height	15.2 cm
Weight	880 g
Manufacturer Warranty	
Service & Support	Limited warranty - 5 years
Environmental Parameters	
Min Operating Temperature	-40 °C
Max Operating Temperature	70 °C
Humidity Range Operating	5 - 95% (non-condensing)
Compatibility Information	
Designed For	Cisco Catalyst IE3400 Rugged Series

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