

# Cisco Catalyst IE3400 Rugged Series

Network Advantage - switch - Managed - 8 x 10/100/1000 + 2 x Gigabit SFP - DIN rail mountable - DC power

Group	Network Equipment
Manufacturer	Cisco
Manufacturer item no.	IE-3400-8T2S-A
EAN/UPC	0889728223508



## Description

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

## Main features

Product Description	Cisco Catalyst IE3400 Rugged Series - Network Advantage - switch - 10 ports - Managed
Device Type	Switch - 10 ports - Managed
Subtype	Gigabit Ethernet
Ports	8 x 10/100/1000 + 2 x Gigabit SFP
Capacity	Queues: 8   IGMP groups: 1000   VLAN IDs: 256   STP instances: 128   ACL: 1500
MAC Address Table Size	8K entries
Routing Protocol	IGMPv2, IGMP, IGMPv3, MSTP, RSTP, STP
Remote Management Protocol	SNMP 1, SNMP 2, RMON, Telnet, SNMP 3, HTTP, TFTP, SSH, SCP, NTP
Features	DHCP support, BOOTP support, ARP support, IGMP snooping, Syslog support, DiffServ support, Broadcast Storm Control, IPv6 support, Multicast Storm Control, Unicast Storm Control, Spanning Tree Protocol (STP) support, DHCP snooping, Access Control List (ACL) support, Quality of Service (QoS), RADIUS support, DHCP server, Dynamic ARP Inspection (DAI), Per-VLAN Spanning Tree Plus (PVST+), Uni-Directional Link Detection (UDLD), IPv4 support, fanless, LACP support, LLDP support, DHCP relay, Port Security, Remote Switch Port Analyzer (RSPAN), Management Information Base (MIB), 802.1x authentication, Precision Time Protocol (PTP), IGMP filtering, IP source guard, Resilient Ethernet Protocol (REP), SmartPort technology, Internet Control Message Protocol (ICMP), CIP Sync (IEEE 1588), IGMP querier, Voice VLAN, Guest VLAN, User Datagram Protocol (UDP), VLAN Trunking Protocol (VTP) v.3, BPDU Guard, Dying Gasp, VLAN Trunking Protocol (VTP) v.2
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 5.4 A
Power Redundancy	Yes
Dimensions (WxDxH)	9.14 cm x 13.5 cm x 15.2 cm
Weight	1.7 kg

## Extended details

<b>General</b>	
Device Type	Switch - 10 ports - Managed
Enclosure Type	DIN rail mountable
Subtype	Gigabit Ethernet
Ports	8 x 10/100/1000 + 2 x Gigabit SFP
Capacity	Queues: 8   IGMP groups: 1000   VLAN IDs: 256   STP instances: 128   ACL: 1500
MAC Address Table Size	8K entries
Routing Protocol	IGMPv2, IGMP, IGMPv3, MSTP, RSTP, STP
Remote Management Protocol	SNMP 1, SNMP 2, RMON, Telnet, SNMP 3, HTTP, TFTP, SSH, SCP, NTP
Authentication Method	Secure Shell (SSH), RADIUS, TACACS+
Features	DHCP support, BOOTP support, ARP support, IGMP snooping, Syslog support, DiffServ support, Broadcast Storm Control, IPv6 support, Multicast Storm Control, Unicast Storm Control, Spanning Tree Protocol (STP) support, DHCP snooping, Access Control List (ACL) support, Quality of Service (QoS), RADIUS support, DHCP server, Dynamic ARP Inspection (DAI), Per-VLAN Spanning Tree Plus (PVST+), Uni-Directional Link Detection (UDLD), IPv4 support, fanless, LACP support, LLDP support, DHCP relay, Port Security, Remote Switch Port Analyzer (RSPAN), Management Information Base (MIB), 802.1x authentication, Precision Time Protocol (PTP), IGMP filtering, IP source guard, Resilient Ethernet Protocol (REP), SmartPort technology, Internet Control Message Protocol (ICMP), CIP Sync (IEEE 1588), IGMP querier, Voice VLAN, Guest VLAN, User Datagram Protocol (UDP), VLAN Trunking Protocol (VTP) v.3, BPDU Guard, Dying Gasp, VLAN Trunking Protocol (VTP) v.2
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
RAM	4 GB
Flash Memory	1.5 GB
Built-in Devices	SD card reader
<b>Expansion / Connectivity</b>	
Interfaces	8 x 10/100/1000 Base-T RJ-45   2 x 1000Base-X SFP   1 x serial (RS-232) RJ-45   1 x mini-USB Type B   2 x alarm   1 x alarm
Expansion Slots	1 (total) / 1 (free) x SD Memory Card
<b>Power</b>	
Power Device	Internal power supply
Power Redundancy	Yes
Voltage Required	DC 9.6 - 60 V
Electric Current Required	5.4 A
Power Consumption Operational	39 Watt
<b>Miscellaneous</b>	
MTBF	549,808 hours

Compliant Standards	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, 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, IEEE 1613, CNS 13438 Class A, EN 300 386, KN35, UL/CSA60950-1, AS/NZS CISPR 32 Class A, KN32 Class A, IEC 62368-1, IEEE 1588, EN 60068-2-52, EN 60068-2-60, EN 60079-15, CB 60950-1, IEC 60079-0, IEC 60079-15, EN 60079-0, EN 55032/CISPR 32 Class A, CISPR 35, EN 61000-4-17, UL 121201, UL/CSA/EN 62368-1, EN 61850-3, UL/CSA 61010-2-201, IEC/EN 61010-2-201, UL/CSA 60079-0, UL/CSA 60079-15
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**Dimensions & Weight**

Width	9.14 cm
Depth	13.5 cm
Height	15.2 cm
Weight	1.7 kg

**Manufacturer Warranty**

Service & Support	Limited warranty - advance parts replacement - 5 years - response time: 10 days   Technical support - 90 days
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**Environmental Parameters**

Min Operating Temperature	-40 °C
Max Operating Temperature	70 °C
Humidity Range Operating	5 - 95% (non-condensing)
Min Storage Temperature	-40 °C
Max Storage Temperature	85 °C
Humidity Range Storage	5 - 95% (non-condensing)

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