

CISCO · CATALYST IE3300 RUGGED SWITCHES

IE-3400-8T2S-E

8x1G Copper Ports · 2x1G SFP Uplinks · Network Essentials

New, factory-sealed · 3-year LSCare warranty · Ships from Hong Kong and US stock



Product Model	IE-3400-8T2S-E
Category	Catalyst IE3300 Rugged Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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The IE-3400-8T2S-E is a Cisco Catalyst IE3400 Rugged Series industrial switch for DIN-rail cabinets that run PRP, HSR or DLR redundancy on Network Essentials. The switch pairs eight 10/100/1000 copper ports with two 100/1000 SFP uplinks and no PoE, accepts dual DC inputs from 9.6 to 60VDC and operates from -40°C to +70°C in a vented enclosure.

New, factory-sealed · [3-year LSCare warranty](#) · [14-day returns](#) · [Cisco SN check before shipment](#)

Specifications

Product ID	IE-3400-8T2S-E	Network license	Network Essentials (perpetual)
License upgrade	IE3400-NW-A= (Network Advantage, perpetual)	Total base ports	10
Downlink ports	8x 10/100/1000 RJ45 copper	Uplink ports	2x 100/1000 SFP
PoE power budget	Not applicable (data-only copper ports)	Expansion	1 expansion module; up to 26 GE system ports
Supported expansion modules	IEM-3400-8T=, IEM-3400-8S=, IEM-3300-8T=, IEM-3300-8S=, IEM-3300-16T=, IEM-3300-6T2S=, IEM-3300-14T2S= (non-PoE modules only)	Expansion module width	Single-wide module adds 2 in; double-wide module adds 3 in
Console port	1 RS-232 (via RJ-45), 1 USB Mini Type B	Alarms	2 alarm inputs, 1 alarm output
Removable storage	USB 2.0 and SD card (optional, not shipped by default)	Forwarding rate	Line rate for all ports and all packet sizes
Number of queues	8	MAC addresses	16K
IGMP multicast groups	1K	No. of VLANs	256
STP instances	128	Access control entries (PACL/VACL/RACL)	3K
IPv4 indirect routes	3000 (with Network Advantage license)	IPv6 indirect routes	512 (with Network Advantage license)
DRAM	4 GB	Flash (user accessible)	1.5 GB
SD card capacity	4 GB, 16 GB (optional)	Jumbo frames	8996 bytes; 2000 bytes when using ERSPAN, DLR, PRP, HSR or SGT
Layer 2 switching	IEEE 802.1Q, 802.1w, 802.1s, 802.1ab, 802.3ad, PVST+, MSTP, RSTP, LACP, PAgP, VTPv2/v3, Q-in-Q, selective Q-in-Q, voice VLAN, UDLD	Multicast	IGMP v1/v2/v3 snooping, IGMP filtering, IGMP querier
Layer 3 routing	Inter-VLAN routing, static routing	Security	Port security, 802.1X, MAC authentication bypass, DHCP snooping, dynamic ARP inspection, IP source guard, storm control, PACL/RACL/VACL, MACsec-128, FIPS 140-2, SUDI 2099, Full Flexible NetFlow
Quality of service (QoS)	Ingress policing, rate limit, egress queuing/shaping, auto QoS	IPv6	IPv6 host support

Redundancy	REP ring, Fast REP, REP Negotiated, REP Autodiscovery, REP ZTP, PROFINET MRP, PRP (Gig1/1 to Gig1/4, single instance), PTP over PRP, HSR-SAN, HSR-PRP Dual Redbox, DLR	Industrial protocols	CIP EtherNet/IP, PROFINET, IEEE 1588 PTPv2 (default and power profiles)
Utility	Dying gasp; GOOSE and MODBUS TCP/IP classification	Industrial management	Layer 2 switching with 1:1 L2NAT (supported on uplink ports)
IOx edge compute	Native Docker containers, Cisco Cyber Vision, Secure Equipment Access	Automation	YANG, NETCONF, RESTCONF
Management	WebUI, MIB, SmartPort, SNMP, syslog, DHCP server, SPAN/RSPAN, Express setup, Delayless IPDT, Cisco Catalyst Center, SwapDrive zero-configuration replacement	Operating system	Cisco IOS XE with secure boot, image signing and Trust Anchor module
Input voltage range	Redundant DC input, 9.6 to 60VDC (dual DC power inputs)	Input current	6.3A
Power consumption	36W (measured at 12V)	Supported DIN rail power supplies	PWR-IE50W-AC=, PWR-IE50W-AC-IEC=, PWR-IE50W-AC-L=, PWR-IE65W-PC-AC=, PWR-IE65W-PC-DC=, PWR-IE170W-PC-AC=, PWR-IE170W-PC-DC=, PWR-IE240W-PCAC-L=, PWR-IE480W-PCAC-L=
Cooling	Fanless, convection cooled	Operating temperature	-40°C to +70°C (40 LFM vented enclosure); -40°C to +60°C (sealed enclosure); -40°C to +75°C (min. 200 LFM fan or blower-equipped enclosure); +85°C type tested for 16 hours
Operating altitude	Up to 15,000 ft	Storage temperature	-40°C to +85°C
Operating humidity	5% to 95% relative humidity, non-condensing	Dimensions (H x W x D)	6 x 3.6 x 5.3 in (15.2 x 9.1 x 13.5 cm)
Weight	1.7 kg (3.8 lb)	Mounting	DIN rail
Ingress protection	IP30	MTBF	549,808 hours (Telcordia Issue 3)
Industrial automation control system	IEC 62443-4-1, IEC 62443-4-2	Industry standards	EN 61000-6-1, EN 61000-6-2, EN 61000-6-4, EN 61326-1, EN 61131-2, IEEE 1613, EN/IEC 61850-3, ODVA EtherNet/IP, NEMA TS 2-2016, AREMA C&S sections 11 and 19
Electromagnetic emissions	FCC 47 CFR Part 15 Class A, EN 55032/CISPR 32 Class A, VCCI Class A, AS/NZS CISPR 32 Class A, CISPR 11 Class A, ICES-003 Class A, CNS 13438 Class A, KN 32 Class A, EN 300 386	Electromagnetic immunity	CISPR 24/CISPR 35, EN 55024/EN 55035, KN 35, EN 61000-4-2, -3, -4, -5, -6, -8, -10, -16, -17, -18, -29
Safety certifications	UL/CSA 60950-1, IEC 60950-1 CB, UL/CSA 62368-1, IEC 62368-1 CB, UL/CSA 61010-2-201, IEC/EN 61010-2-201	Hazardous locations	UL121201 and CSA 213 Class I Div 2 Groups A-D; UL/CSA, IECEx and ATEX 60079-0/-15 Class I Zone 2 Gc/IIC (ATEX requires a cabinet enclosure)
Railway	EN50125-1:2014, EN50125-3:2003, EN50121-4, EN50121-3-2/EN50155	Marine	DNV-CG-0339, IEC 60945, IACS UR E10
Shock	IEC 60068-2-27 (operational 50G, 3 ms half sine; non-operational 65-80G, 9 ms trapezoidal)	Vibration	IEC 60068-2-6 (sinusoidal, 5-150 Hz)

Corrosion	IEC 60068-2-52 (salt fog), IEC 60068-2-60 (flowing mixed gas)	Supported SFPs	100M: GLC-FE-100FX-RGD=, GLC-FE-100LX-RGD=; 1G: GLC-SX-MM-RGD=, GLC-LX-SM-RGD=, GLC-ZX-SM-RGD=, GLC-T-RGD=, GLC-BX40-U-I=, GLC-BX40-D-I=, GLC-BX80-U-I=, GLC-BX80-D-I=; non-industrial SFPs require temperature derating
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Optional Add-ons

Add-on	Cisco PID	Purpose
Network Module	IEM-3300-8T	8x1G Copper Ports - IE3300 Expansion Module - Non-PoE
Network Module	IEM-3300-8S	8x1G SFP Ports - IE3300 Expansion Module
Network Module	IEM-3400-8T	8xGE Copper Ports - IE3400 Expansion Module - Non-PoE
Power Supply / Fan	PWR-IE50W-AC	50W AC/DC PSU - 24VDC Output - DIN-Rail
Power Supply / Fan	PWR-IE50W-AC-L	50W AC PSU - 24VDC Output - DIN-Rail
Power Supply / Fan	PWR-IE50W-AC-IEC	50W AC PSU - IEC C14 Input - 24VDC Output
Optics	GLC-LH-SMD	1000BASE-LX/LH SFP - 10km SMF / 550m MMF - DOM
Optics	GLC-TE	1000BASE-T SFP - RJ-45 Cat5 Copper - 100m Reach
Optics	GLC-SX-MMD	1000BASE-SX SFP - MMF 850nm - DOM
Optics	GLC-EX-SMD	1000BASE-EX SFP - 40km SMF - DOM
Optics	GLC-ZX-SMD	1000BASE-ZX SFP - 70km SMF - EXT DOM

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New, factory-sealed units with a 3-year warranty. Our sales team quotes within one business day, and in-stock orders ship within one business day of payment from our Hong Kong and US warehouses.

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