

CISCO · CATALYST IE3100 RUGGED SWITCHES

IE-3100-8T4S-E

8x1G Copper Ports · 4x1G SFP Uplinks

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



Product Model	IE-3100-8T4S-E
Category	Catalyst IE3100 Rugged Switches
Condition	New, factory-sealed
Warranty	3-year LSCare warranty
Supplier	Layer23-Switch · www.layer23-switch.com



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Ready-Stock Inventory

3-Year

Warranty



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IE-3100-8T4S-E is a Cisco Catalyst IE3100 Rugged Series industrial Ethernet switch with Network Essentials licensing for DIN-rail access deployments in industrial cabinets. The SKU provides eight 10/100/1000 RJ45 downlink ports and four dedicated 100/1000 SFP fiber uplink ports, giving non-PoE edge sites a compact copper access switch with more fiber uplink positions than two-combo-port IE3100 models.

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

Specifications

Product ID	IE-3100-8T4S-E	Product type	Industrial Ethernet switch
Network license	Network Essentials	Total ports	12 Gigabit Ethernet ports
Copper downlink ports	8 x 10/100/1000 RJ45 ports	SFP-only uplink ports	4 x 100/1000 SFP fiber ports
Combo uplink ports	No dual-media combo uplinks listed	PoE power budget	Not applicable for this non-PoE model
FPGA data path	No	Operating system	Cisco IOS XE
Minimum introduction release	Cisco IOS XE Dublin 17.11.1	Power input	Dual DC inputs
Nominal input voltage	12V to 48V	Absolute input voltage	9.6V to 60V
Power consumption	17.8 W	Power input rating	12VDC to 48VDC
Forwarding rate	17.856 Mpps	Forwarding bandwidth	12 Gbps
Switching bandwidth	24 Gbps full-duplex capacity	DRAM	4 GB
User-accessible flash	1.5 GB	SD card capacity	1 GB, 4 GB, or 16 GB optional SD card
Unicast MAC addresses	8000	VLAN scale	256 VLANs
IGMP multicast groups	512	STP instances	128
Console ports	1 RS-232 via RJ45 and 1 micro USB	Alarm I/O	2 dry-contact alarm inputs and 1 alarm output
Mounting	DIN rail	Operating temperature	-40C to 75C in blower-equipped cabinet
Storage temperature	-40C to 85C	Relative humidity	5 percent to 95 percent noncondensing
Operating altitude	Up to 15000 ft with no temperature derating	Thermal spacing	1.0 in clearance top, sides, and bottom
Weight	1.9 lb / 0.86 kg	MTBF	575966 hours
Industrial protocol support	EtherNet/IP CIP, Modbus, SCADA, GOOSE, and PROFINET MRP	Management	Cisco Catalyst Center, WebUI, CLI, SNMP, and open APIs

Optional Add-ons

Add-on	Cisco PID	Purpose
Power Supply / Fan	PWR-IE50W-AC	50W AC/DC 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

Get Price and Availability for IE-3100-8T4S-E

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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