

CISCO · CATALYST IE3100 RUGGED SWITCHES

IE-3100-18T2C-E

18x1G Copper Ports · 2x1G Combo Uplinks

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



Product Model	IE-3100-18T2C-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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The IE-3100-18T2C-E is a Cisco Catalyst IE3100 Rugged Series industrial switch for control cabinets that aggregate many Gigabit copper devices. The switch has eighteen 10/100/1000 RJ45 ports, two 1000BASE-T/1000BASE-X combo uplinks and dual DC inputs from 12V to 48V, and it mounts on a DIN rail at -40°C to 75°C in a blower-equipped cabinet.

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

Specifications

Product ID	IE-3100-18T2C-E	Product type	Industrial Ethernet switch
Network license	Network Essentials	Total ports	20 Gigabit Ethernet ports
RJ45 copper downlinks	18 x 10/100/1000 ports	Combo uplink ports	2 x 1000BASE-T/1000BASE-X ports; each combo port uses either its RJ45 or its SFP side and counts once
PoE budget	Not applicable for this non-PoE model	Conformal coating	No; conformal coating applies to IE-3100-18T2C-CC-E
FPGA data path	No	Layer 2 NAT support	No; Layer 2 NAT applies to IE-3105-18T2C-E
Power input	Dual DC inputs	Nominal input voltage	12V to 48V
Absolute input voltage	9.6V to 60V	Maximum current at 12V	4.2A
Maximum current at 24V	2.6A	Maximum current at 48V	1.3A
Maximum power consumption	36.7 W	Forwarding rate	29.76 Mpps
Forwarding bandwidth	20 Gbps	DRAM	4 GB
Flash	1.5 GB	SD card capacity	1 GB, 4 GB, or 16 GB optional SD card
MAC addresses	8000	VLAN scale	256 VLANs
IGMP multicast groups	512	STP instances	128
IPv4 indirect routes	2000	Console port	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 system	Cisco IOS XE	Operating temperature	-40C to 75C in blower-equipped cabinet
Storage temperature	-40C to 85C	Operating humidity	5% to 95% noncondensing
Operating altitude	Up to 15000 ft with no temperature derating	Dimensions	5.00 x 4.30 x 5.08 in. / 12.70 x 10.92 x 12.90 cm
Weight	2.8 lb / 1.27 kg	Ingress protection	IP30
MTBF	642,050 hours	Industrial protocol support	EtherNet/IP CIP, Modbus, SCADA, GOOSE, and PROFINET MRP

Management	Cisco Catalyst Center, WebUI, CLI, SNMP, and open APIs		
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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-3100-18T2C-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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Address 2810 North Church Street, Suite 89727, Wilmington, DE 19802, USA

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