

CISCO · CATALYST IE3100 RUGGED SWITCHES

IE-3105-18T2C-E

18x1G Copper Ports · 2x1G Combo Uplinks

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



Product Model	IE-3105-18T2C-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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3-Year

Warranty



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IE-3105-18T2C-E is a Cisco Catalyst IE3105 Rugged Series DIN-rail industrial Ethernet switch for OT access cabinets that need high-density copper connectivity. It provides 18 10/100/1000 RJ45 downlinks, two 1000BASE-T/1000BASE-X dual-media combo uplinks, Network Essentials, an FPGA data path, dual DC inputs, and 36.7W power consumption for compact industrial edge deployments.

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

Specifications

SKU	IE-3105-18T2C-E	Product type	DIN-rail industrial Ethernet switch
Default software license	Network Essentials	Total ports	20 Gigabit Ethernet ports
RJ45 copper downlinks	18 x 10/100/1000 ports	Dual-media uplinks	2 x 1000BASE-T/1000BASE-X combo ports
Fixed SFP-only ports	No fixed SFP-only ports listed for this PID	FPGA data path	Yes
Layer 2 NAT scope	IE3105 uplink ports GigabitEthernet1/1 and GigabitEthernet1/2	PoE budget	No PoE budget listed for this data model
Power input	Dual DC inputs	Nominal input voltage	12V to 48V
Absolute input voltage	9.6V to 60V	Max current at 12V	4.2A
Max current at 24V	2.6A	Max current at 48V	1.3A
Power consumption	36.7W	DRAM	4GB
User-accessible flash	1.5GB	SD card capacity	1GB, 4GB, or 16GB optional SD card
Removable storage note	SD card is optional and not shipped by default	Alarm I/O	2 dry-contact alarm inputs and 1 alarm output
Console ports	1 RS-232 via RJ45 and 1 micro USB	Mounting	DIN rail
Operating system	Cisco IOS XE	Forwarding rate	29.76 Mpps
Forwarding bandwidth	20 Gbps	Queues	8 egress queues
Unicast MAC addresses	8000	VLAN scale	256 VLANs
IPv4 indirect routes	2000	Operating temperature	-40C to 75C in blower-equipped cabinet
Storage temperature	-40C to 85C	Relative humidity	5% to 95% noncondensing
Operating altitude	Up to 15000 ft with no temperature derating	Ingress protection	IP30
MTBF	642050 hours	Industrial protocol support	EtherNet/IP CIP, Modbus, SCADA, GOOSE, and PROFINET MRP
Management	Cisco Catalyst Center, WebUI, CLI, SNMP, and open APIs	L2NAT rule scale	128 Layer 2 NAT rules

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-3105-18T2C-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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