



IE-3200-8P2S-E DataSheet

Cisco IE-3200-8P2S-E rugged switch with 8×Gigabit PoE, 2×SFP, 240 W PoE budget, dual DC inputs, fanless design, ideal for industrial automation and surveillance.

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IE-3200-8P2S-E Description

The Cisco Catalyst IE-3200-8P2S-E Rugged Series delivers fan-less, industrial-grade connectivity with eight Gigabit PoE/PoE+ downlinks and two SFP uplinks—all at wire-speed forwarding. Powered by Cisco IOS XE, it supports up to 240 W of PoE budget, dual redundant 9.6–60 VDC inputs, and is hardened for –40 °C to +75 °C operation with vibration, shock, and electrical-noise immunity. Manage it via Cisco Catalyst Center or modern WebUI for simplified deployment and monitoring.

Model Meaning

Segment	Description
IE-3200	Cisco Catalyst IE3200 Rugged Series industrial switch
8P	8 × Gigabit RJ-45 PoE/PoE+ downlink ports
2S	2 × 100/1000 Mbps SFP uplink ports
-E	Network Essentials license (Layer 2 features & basic security)

Rugged Industrial Ethernet Switch Model Comparison

Model	Ports	License	PoE Budget	Switching Capacity
IE-3200-8P2S-E	8×PoE, 2×SFP	Essentials	240 W	20 Gbps
IE-3200-8T2S-E	8×Gigabit, 2×SFP	Essentials	N/A	20 Gbps
IE-3300-8P2S-E	8×PoE, 2×SFP	Essentials	240 W (base), 360 W (with module)	20 Gbps

Specification

Parameter	Value
Product Number	IE-3200-8P2S-E
Total Ports	10 (8×PoE, 2×SFP)
Software License	Network Essentials
PoE Budget	240 W ¹
Forwarding Rate	Line rate, non-blocking
Unicast MAC Addresses	16 000
Number of Queues	8
IGMP Snooping Groups	1 000
VLANs Supported	256
STP Instances	128
Access Control Entries	3 000 (PACL/VACL/RACL)
DRAM	2 GB
Flash Memory	1.5 GB
SD Card Capacity	4 GB, 16 GB (optional)
Jumbo Frames	8 996 bytes
Input Voltage Range	9.6-60 VDC ²
Maximum Input Current	5.5 A
Power Consumption	32 W ³
Dimensions (H×W×D)	6.0×3.6×5.3 in (15.2×9.1×13.5 cm)
Weight	3.8 lb (1.7 kg)
Mounting	DIN-rail
Console Ports	1×RS-232 (RJ-45), 1×USB Mini-B
Alarm I/O	2 inputs, 1 output

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