



IE-1000-4P2S-LM DataSheet

IE-1000-4P2S-LM: 4x PoE FE, 2x SFP uplinks, 120W PoE, DIN rail, -40°C~70°C, easy web management. Ideal for industrial automation & surveillance.

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IE-1000-4P2S-LM Description

Cisco IE-1000-4P2S-LM is a compact, rugged industrial Ethernet switch designed for harsh environments, offering 4 Fast Ethernet PoE ports and 2 SFP uplinks. As part of the Cisco IE 1000 Series, also known as IE-1000-4P2S, this switch delivers reliable power and connectivity for industrial applications such as factory automation, transportation, and building security. Its user-friendly web-based management, plug-and-play setup, and robust design make it ideal for OT and M2M solutions with limited IT resources. With a 120W PoE budget, flexible DIN rail mounting, and extensive certifications, it is perfect for IP cameras, sensors, and industrial control devices.

Product Highlights

SFP Uplink

PoE Budget

PoE ports

Quick Specs

Parameter	Value
Ports	4×FE PoE, 2×SFP

PoE Budget	120W
Uplink	2×SFP
DIN Rail	Yes
Input Voltage	48-54V
Management	Web GUI
Mounting	DIN Rail
Temp Range	-40°C~70°C
Power Supply	External

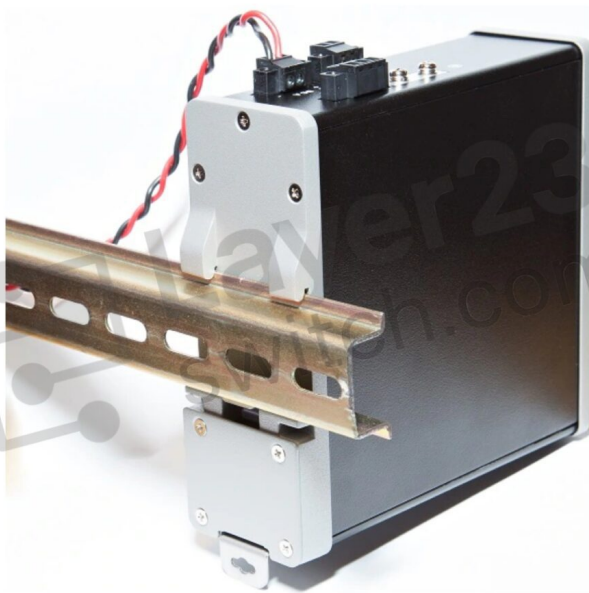
Key Features

Rugged Industrial Ethernet Switch Product Comparison

Model	IE-1000-4P2S-LM	IE-1000-8P2S-LM	IE-1000-6T2T-LM
Ports	4×FE PoE + 2×SFP	8×FE PoE + 2×SFP	6×FE + 2×FE uplink
Uplink Type	2×SFP	2×SFP	2×FE
PoE Ports	4	8	0
PoE Budget	120W	180W	0
DIN Rail	Yes	Yes	Yes
Input Voltage	48-54V	48-54V	12-24V
Max Power Consump.	140W	205W	5.3W
Operating Temp	-40~70°C	-40~70°C	-20~70°C
Management	Web GUI	Web GUI	Web GUI
Size (HxWxD, mm)	127×45.7×134	127×45.7×134	127×45.7×115
Weight	0.77kg	0.84kg	0.57kg

Cisco IE 1000 Switch Rear Panel

The rear panel of the switch has a latch for installation on a DIN rail. See photo. The latch is spring-loaded to move down to position the switch over a DIN rail and return to the original position to secure the switch to a DIN rail.



Specification

Parameter	Description	Parameter	Description
Model	IE-1000-4P2S-LM	Ports	4×FE PoE, 2×SFP
PoE Support	IEEE 802.3af/at, 120W	PoE Ports	4×FE
Uplink Ports	2×SFP (fiber)	Downlink Ports	4×FE (PoE)
Input Voltage	48-54V DC	Max Power Consumption	140.4W (full load)
Forwarding Bandwidth	2.8Gbps	Switching Bandwidth	5.6Gbps

Parameter	Description	Parameter	Description
Unicast MAC Addr	8,000	VLANs	256
IGMP Snooping	Yes	DHCP Snooping	Yes
QoS	Yes	Storm Control	Yes
Security	802.1x, Port Security, TACACS+, RADIUS	Management	Web GUI, SNMPv2/v3
Mounting	DIN Rail	Alarm Output	1 relay (on top panel)
Dimensions (HxWxD)	127×45.7×134 mm	Weight	0.77kg
Operating Temp	-40°C~70°C	Humidity	5%~95% (non-cond.)
Certifications	UL/CSA, EN60950-1, IEC61010, CE, ATEX, NEMA TS-2	EMC	EN 55022/CISPR 22, FCC Part 15
Redundant Power	Yes (dual feed)	Warranty	5 years
Power Supply	PWR-IE65W-PC-DC, PWR-IE170W-PC-DC, etc.	Software Features	VLAN, LLDP, STP, IGMP, SNMP, DHCP, EtherChannel
Mean Time Between Failure	374,052 hours	Alarm Input	None
Compliance	RoHS, EN 61326, IEC 61850-3, IEEE 802.1/3	Management Protocols	SNMP, HTTP, Syslog

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