IE-1000-4T1T-LM DataSheet

IE-1000-4T1T-LM: 4x FE, 1x FE uplink, DIN rail, -20°C~70°C, compact web-managed industrial switch for factory, building, and machine network integration.

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IE-1000-4T1T-LM Description

Cisco IE-1000-4T1T-LM is a compact, rugged industrial Ethernet switch featuring 4 Fast Ethernet downlink ports and 1 Fast Ethernet uplink, designed for reliable operation in demanding environments. As part of the Cisco IE 1000 Series, also known as IE-1000-4T1T, this lightly managed switch offers essential connectivity for factory automation, building controls, and edge equipment. With a wide 12-24V input range, web-based GUI management, fanless DIN-rail design, and -20°C to +70°C temperature tolerance, it is ideal for OEM integration, utility cabinets, and smart building applications requiring stable network access with minimal IT complexity.

Product Highlights

Copper Uplink

Copper Downlink

Input Power Voltage

Quick Specs

Parameter	Value
Ports	4×FE, 1×FE uplink

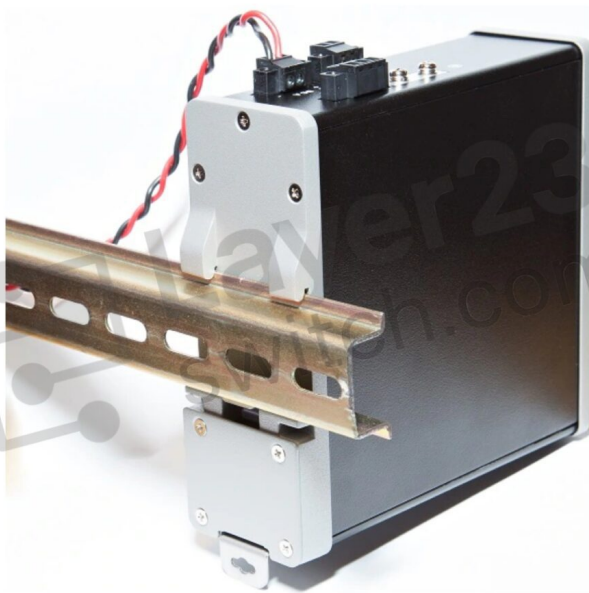|	
PoE Support	No
Uplink	1×FE
DIN Rail	Yes
Input Voltage	12-24V
Management	Web GUI
Temp Range	-20°C~70°C
Power Supply	External
Mounting	DIN Rail

Key Features

Rugged Industrial Ethernet Switch Product Comparison

Model	IE-1000-4T1T-LM	IE-1000-6T2T-LM	IE-1000-4P2S-LM
Ports	4×FE + 1×FE uplink	6×FE + 2×FE uplink	4×FE PoE + 2×SFP
Uplink Type	1×FE	2×FE	2×SFP
PoE Ports	0	0	4
PoE Budget	0	0	120W
DIN Rail	Yes	Yes	Yes
Input Voltage	12-24V	12-24V	48-54V
Max Power Consump.	4.2W	5.3W	140W
Operating Temp	-20~70°C	-20~70°C	-40~70°C
Management	Web GUI	Web GUI	Web GUI
Size (HxWxD, mm)	127×38×115	127×45.7×115	127×45.7×134
Weight	0.5kg	0.57kg	0.77kg

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-1000-4T1T-LM	Ports	4×FE, 1×FE uplink
PoE Support	None	PoE Ports	0
Uplink Ports	1×FE (RJ45)	Downlink Ports	4×FE (RJ45)
Input Voltage	12-24V DC	Max Power Consumption	4.2W
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	None
Dimensions (HxWxD)	127×38×115 mm	Weight	0.5kg
Operating Temp	-20°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-IE50W-AC, PWR-IE65W-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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