

# Cisco Industrial Ethernet 1000 Series

Switch - Managed - 2 x 10/100 (uplink) + 6 x 10/100 (downlink) - DIN rail mountable - DC power

Group	Network Equipment
Manufacturer	Cisco
Manufacturer item no.	IE-1000-6T2T-LM
EAN/UPC	0882658930324



## Description

The Cisco Industrial Ethernet (IE) 1000 Series Switches are compact rugged switches aimed to operational technology (OT) users with limited IT network knowledge. The IE 1000 Series Switches provide an easy transformation from the legacy factory to digital solution. For machine builders and machine-to-machine (M2M) solutions is an attractive entry level product as a GUI-based, lightly-managed switch. The IE 1000 is a good fit for locations with harsh temperatures and small spaces, and is Power over Ethernet (PoE) capable with and zero IT management.

The IE 1000 is ideal for industrial Ethernet applications where small and easy-to-be-managed hardened products are required, including factory automation, intelligent transportation systems, city-surveillance programs, building automations etc. The Cisco IE 1000 Series Switches complement the current industrial Ethernet portfolio of related Cisco industrial switches, such as the Cisco IE 2000, IE 3000, IE 4000 and IE 5000 Series managed Switches.

The IE 1000 can be easily installed on your network. Through a user-friendly web device manager, the IE 1000 provides easy out-of-the-box configuration and simplified operational manageability to deliver advanced and secure multiservices over industrial networks.

## Main features

Product Description	Cisco Industrial Ethernet 1000 Series - switch - 8 ports - Managed
Device Type	Switch - 8 ports - Managed
Subtype	Fast Ethernet
Ports	2 x 10/100 (uplink) + 6 x 10/100 (downlink)
Routing Protocol	IGMPv2, IGMP
Remote Management Protocol	SNMP 2, SNMP, RMON, SNMP 3, HTTP, SSH
Features	DHCP support, BOOTP support, IGMP snooping, Syslog support, full duplex mode, Spanning Tree Protocol (STP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, DHCP server, static IP mode, LLDP support, Port Security, Management Information Base (MIB), Class of Service (CoS), DiffServ Code Point (DSCP) support, Bridge protocol data unit (BPDU), Internet Control Message Protocol (ICMP), Management Information Base (MIB) II
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1s, IEEE 802.1ab (LLDP)
Power	DC 12 - 24 V
Dimensions (WxDxH)	4.57 cm x 11.5 cm x 12.7 cm
Weight	570 g

## Extended details

### General

Device Type	Switch - 8 ports - Managed
Enclosure Type	DIN rail mountable
Subtype	Fast Ethernet
Ports	2 x 10/100 (uplink) + 6 x 10/100 (downlink)
Routing Protocol	IGMPv2, IGMP
Remote Management Protocol	SNMP 2, SNMP, RMON, SNMP 3, HTTP, SSH
Authentication Method	Secure Shell (SSH), RADIUS
Features	DHCP support, BOOTP support, IGMP snooping, Syslog support, full duplex mode, Spanning Tree Protocol (STP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, DHCP server, static IP mode, LLDP support, Port Security, Management Information Base (MIB), Class of Service (CoS), DiffServ Code Point (DSCP) support, Bridge protocol data unit (BPDU), Internet Control Message Protocol (ICMP), Management Information Base (MIB) II
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1s, IEEE 802.1ab (LLDP)
RAM	128 MB
Flash Memory	160 MB
	<b>Expansion / Connectivity</b>
Interfaces	8 x 100Base-TX RJ-45
	<b>Power</b>
Voltage Required	DC 12 - 24 V
Power Consumption Operational	5.3 Watt
	<b>Miscellaneous</b>
MTBF	374,052 hours
Compliant Standards	CISPR 22 Class A, EN55022, NOM, CB, EMC, ICES-003 Class A, RoHS, IEC 60068-2-30, KCC, WEEE, IEC 60068-2-27, IEC 60068-2-6, ANATEL, EN 61131-2, EN 61326-1, IEC 60068-2-64, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, CEM, EMI, IP30, IEC 60068-2-56, VCCI Class A, EN 50581, EAC, China RoHS, RCM, AS/NZS CISPR22:2004 Class A, NOM-001-SCFI-1993, CISPR 11 class A, ANSI/ISA.12.12.01 Class I Division 2 Groups ABCD, IEC60950-1, IEC 60068-2-3, FCC CFR47 Part 15 A, UL/CSA60950-1, UL/CSA/IEC/EN 61010-2-201, EN 55016-1-1 Class A, EN 55016-1-4 Class A, EN 55016-2-3 Class A, AS/NZS CISPR 24, NAL, IEC/EN/EN61000-4-2, IEC/EN 61000-4-3, IEC/EN 61000-4-4, IEC/EN 61000-4-5, IEC/EN 61000-4-6, IEC/EN 61000-4-8, IEC/EN 61000-4-9, IEC/EN 61000-4-29, IEC 60068-2-47, IEC/EN 61000-6-1, IEC/EN 61000-6-2, IEC/EN 61000-6-4
	<b>Dimensions &amp; Weight</b>
Width	4.57 cm
Depth	11.5 cm
Height	12.7 cm
Weight	570 g
	<b>Environmental Parameters</b>
Min Operating Temperature	-20 °C
Max Operating Temperature	70 °C
Humidity Range Operating	5 - 95% (non-condensing)

Min Storage Temperature	-40 °C
Max Storage Temperature	85 °C
Humidity Range Storage	5 - 95% (non-condensing)

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