

Product information

Hi-SCOM Industrial Ethernet Switch

BN48-00100606TCMS



Name	
	10-port Gigabit Ethernet switch (8 x GE TX PoE+ ports, 2 x GE SFP slots), managed, IPv6, fanless design
Product Description	
Port Type and Quantity	10 Ports in total; 8 x 10/100/1000BASE-TX, RJ45 PoE+ ports; 2 x Gigabit SFP slots
Type	BN48-00100606TCMS
Order No.	942 999 911
More Interfaces	
Power Supply	1 x 4-pin
Signaling contact	1 x 3-pin
Console Interface	1 x RJ45 socket, serial interface for device configuration (RS-232, 115200bps-8-N-1)
Network size - cascading	
Line / Star / Ring Topology	Any
Power Requirements	
Operating Voltage	48 V DC
Power Budget (for PDs)	≤ 150 W
Software	
Management	Serial interface, Web-interface, HTTP/HTTPS, Telnet, SSH, SNMPv1/v2/v3, Traps, LLDP, LLDP-MED
Diagnostics	LED, Syslog, Port mirroring (1:1, N:1), RMON (1, 2, 3, 9), Loop protection, sFlow
Configuration	CLI - Console port/Telnet, Web based management, Full featured MIB support, DHCPv4 Client/Server/Snooping/Relay, DHCPv6 Client
Security	User password protection, Privilege levels, NAS (IEEE802.1x), ACL, IP Source Guard, ARP Inspection, RADIUS, TACACS+
Redundancy Functions	STP (IEEE 802.1d), RSTP (IEEE 802.1w) and MSTP (IEEE 802.1s), ERPS (G.8032), Link Aggregation Static, LACP
Filter	QoS (4 classes), CoS, TOS/DSCP, port priority (IEEE 802.1D/p), VLAN (IEEE 802.1Q), IGMP snooping, MLD Snooping, Storm Control
Time Synchronization	SNTP Client
PoE Management	IEEE 802.3at/af, PoE power management, PoE device auto-checking, PoE diagnostic
Ambient Conditions	
Operating Temperature	-40 ~ +75 °C
Storage/Transport Temperature	-40 ~ +85 °C
Relative Humidity (non-condensing)	5% ~ 95%
Mechanical Construction	
Dimensions (W×H×D)	44 x 145 x 131mm
Mounting	DIN Rail
Protection Class	IP30
EMC Interference Immunity	
EN 61000-4-2 electrostatic discharge	6 kV contact discharge, 8 kV air discharge
EN 61000-4-3 electromagnetic field	10 V/m (80 - 1000 MHz)

EN 61000-4-4 fast transients	2 kV power line, 1 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV(line/line); 1 kV data line
EN 61000-4-6 conducted immunity	10 V (150 kHz - 80 MHz)
EMC Emitted Immunity	
FCC CFR47 Part 15	FCC CFR47 Part 15 Class A
EN 55032	EN 55032 Class A

* Specifications may change without notice