

## Product information

### Hi-SCOM Industrial Ethernet Switch

#### BN3049-204C20TTM9MSD



Name	
	26-port Gigabit Ethernet switch (20 x GE TX PoE+ ports, 4 x GE Combo/PoE+ ports, 2 x GE SFP slots), managed, IPv6, fanless design
Product Description	
Port Type and Quantity	26 Ports in total; 20 x 10/100/1000BASE-TX, RJ45 PoE+ ports; 4 x Gigabit Combo ports (10/100/1000 BASE-TX, RJ45 PoE+ or 1000 BASE, SFP), 2 x Gigabit SFP slots
Type	BN3049-204C20TTM9MSD
Order No.	942 999 933
More Interfaces	
Power Supply	1 x 5-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	220 V AC (176 - 264 V)
Power Budget (for PDs)	≤ 480 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 ~ +50 °C
Storage/Transport Temperature	-40 ~ +85 °C
Relative Humidity (non-condensing)	5% ~ 95%
Mechanical Construction	
Dimensions (W×H×D)	440 x 44 x 350mm
Mounting	19" control cabinet
Protection Class	IP30
EMC Interference Immunity	
EN 61000-4-2 electrostatic discharge	8 kV contact discharge, 15 kV air discharge

EN 61000-4-3 electromagnetic field	10 V/m (80 - 1000 MHz)
EN 61000-4-4 fast transients	4 kV power line, 2 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)
<b>EMC Emitted Immunity</b>	
FCC CFR47 Part 15	FCC CFR47 Part 15 Class A
EN 55032	EN 55032 Class A
<b>Packing List</b>	
Scope of Delivery	Device, terminal blocks, operating manual

\* Specifications may change without notice