AXIS D8208-R Industrial PoE++ Switch

Managed, 8-port industrial PoE++ switch

This rugged 8-port switch is ideal for demanding installations. Designed to withstand shock and vibrations, it can handle temperatures ranging from –40 °C to 60 °C (–40 °F to 140 °F). Each port can deliver up to 90 W PoE++ (IEEE 802.3bt) with a total power budget of 480 W. Plus, it also supports fiber ensuring flexible long-distance installations. Furthermore, featuring a familiar Axis interface with a graphic topology for easy overview of devices, AXIS D8208-R ensures easy configuration with Axis products.

> **480 W power budget**

> **Compliant with IEEE 802.3bt up to 90 W**

> **Familiar and intuitive Axis interface**

> **High availability with Rapid Ring**

> **NEMA TS-2 Compliant**

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Network	
Security	Access Control List, Port Security, IP Source Guard, Storm Control, Private VLAN, DHCP Snooping, ARP Inspection, HTTPS encryption, Password protection
Network protocols	IPv4, IPv6, HTTP, HTTPS, SMTP, Bonjour, UPnP®, SNMP v1/v2c/v3, DNS, NTP, RTSP, TCP, UDP, IGMP, ICMP, DHCP, ARP, SSH, RADIUS, TACACS+, Syslog, IEEE 802.1X, 802.1Q (VLAN), LLDP, LLDP-Med, STP, MSTP, RSTP, LACP, RRPP
Throughput	46.130 Mpps
Switching capacity	62 Gbps
MAC table	16 K
Jumbo frames	10240 Bytes

General	
Casing	Aluminum Color: Black
Sustainability	PVC free
Power	Required 44 ~ 57 V DC input for IEEE 802.3af, Type 1 Class 3, max 15.4 W output Required 50 ~ 57 V DC input for IEEE802.3at, Type 2 Class 4, max 30 W output Required 50 ~ 57 V DC input for IEEE802.3bt, Type 3 Class 6, max 60 W output Required 52 ~ 57 V DC input for IEEE802.3bt, Type 4 Class 8, max 90 W output Max 11.2 A at 480 W
Pin assignment	Power over pairs: 3/6, 4/5 (+ve) and 1/2, 7/8 (-ve)
PoE output	Up to 90 W per port PoE Power budget: 480 W
Connectors	PoE ports RJ45 10BASE-T/100BASE-TX/1000BASE-T (6x) RJ45 100BASE-TX/1000BASE-T/2.5GBASE-T (2x) Data ports/Uplink 10GBASE-LR/SR SFP+ (2x) Power Power connector port (2x for power redundancy) Console

	RJ45 (1x)
Surge protection	DC Power: 1 kV CM, 0.5 kV DM 6kV on all network ports
Operating conditions	-40 to 60 °C (-40 °F to 140 °F) Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F) Humidity 5–95% RH (non-condensing)
Storage conditions	-40 °C to 85 °C (-40 °F to 185 °F) Humidity 5–95% RH (non-condensing)
Approvals	EMC EN 55035, EN 55032 Class A, EN 50121-4, EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, IEC 62236-4, FCC part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), IEC 62236-4, VCCI Class A, RCM AS/NZS CISPR 32 Class A Safety IEC/EN/UL 62368-1 ed. 3 Environment IEC 60068-2-6, IEC 60068-2-27, NEMA TS 2 (2.2.7-2.2.9), 60068-2-31 (Free fall - Procedure 1), IEC/EN 60529 IP30
Dimensions	Width: 62 mm (2.44 in) Height: 168 mm (6.61 in) Depth: 130 mm (5.11 in)
Weight	892 g (1.967 lb)
Included accessories	Installation guide, mounting bracket for din rail, DB-9 console cable, two mounting brackets for AXIS TQ1808-VE Surveillance Cabinet
Optional accessories	AXIS TQ1808-VE Surveillance Cabinet Power Supply DIN PS56 480 W AXIS TD8901 SFP+ Module LC.LR.X AXIS TD8902 SFP+ Module LC.SR.X For more accessories, see *axis.com*
Management software	AXIS Device Manager
Warranty	5-year warranty, see *axis.com/warranty*
Export control	This product is subject to export control regulations, and you should always comply with all applicable national and international export or re-export control regulations.

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