

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		Surge protection	DC Power: 1 kV CM, 0.5 kV DM 6kV on all network ports
Security	Access Control List, Port Security, IP Source Guard, Storm Control, Private VLAN, DHCP Snooping, ARP Inspection, HTTPS encryption, Password protection	Operating conditions	-40 to 60 °C (-40 °F to 140 °F) Humidity 5–95% RH (non-condensing)
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, RRRP	Storage conditions	-40 °C to 85 °C (-40 °F to 185 °F) Humidity 5–95% RH (non-condensing)
Throughput	46.130 Mpps	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
Switching capacity	62 Gbps	Dimensions	Width: 62 mm (2.44 in) Height: 168 mm (6.61 in) Depth: 130 mm (5.11 in)
MAC table	16 K	Weight	892 g (1.967 lb)
Jumbo frames	10240 Bytes	Included accessories	Installation guide, mounting bracket for din rail, DB-9 console cable, two mounting brackets for AXIS TQ1808-VE Surveillance Cabinet
General		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
Casing	Aluminum Color: Black	Management software	AXIS Device Manager
Sustainability	PVC free	Warranty	5-year warranty, see axis.com/warranty
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 V	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.
Pin assignment	Power over pairs: 3/6, 4/5 (+ve) and 1/2, 7/8 (-ve)	Environmental responsibility: axis.com/environmental-responsibility	
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-T SPF+ (2x) Power Power connector port (2x for power redundancy) Console RJ45 (1x)		