

AXIS T8504-R Industrial PoE Switch

Managed, industrial PoE switch

AXIS T8504-R Industrial PoE Switch is a 4-port managed industrial PoE Gigabit switch. In addition, the switch is equipped with two RJ45 and two SFP data ports that allows for extra devices to be connected. The switch uses the same intuitive administrator interface as AXIS T85 PoE Network Switch Series. The ruggedized switch is perfect for challenging environments when mounted inside a surveillance cabinet. It is designed to withstand shock, vibrations and temperatures from -40 °C to 75 °C (-40 °F to 167 °F), making it perfect for high demanding installations such as alongside highways and tunnels.

- > 60 W per port, 240 W power budget
- > Compliant with High PoE 60 W
- > High availability with Rapid Ring
- > Dual DC power redundancy
- > NEMA TS-2 compliant



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Network		Console	
Security	Password protection HTTPS encryption VLAN	Surge protection	RJ45 (1x) 6kV on all network ports
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	Operating conditions	-40 °C to 75 °C (-40 °F to 167 °F) Humidity 5–95% RH (non-condensing)
Throughput	11.9 Mpps	Storage conditions	-40 °C to 85 °C (-40 °F to 185 °F)
Switching capacity	16 Gbps	Approvals	EMC EN 55032 Class A EN 55024 FCC part 15 Subpart B Class A ICES-003 Class A VCCI Class A RCM AS/NZS CISPR 32 Class A EN 50121-4 EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4 IEC 62236-4
MAC table	8 k		Safety IEC/EN/UL 60950-1 EN 62368-1
Jumbo frames	9216 Bytes		Environment IEC 60068-2-6, IEC 60068-2-27, 60068-2-31 (Free fall - Procedure 1) NEMA TS-2-2003 v02.06, subsection 2.2.8 and 2.2.9
General		Management software	AXIS Device Manager
Casing	Aluminum Color: Black	Included accessories	Installation Guide Mounting brackets DB-9 console cable
Sustainability	PVC free	Optional accessories	AXIS T98A15-VE Surveillance Cabinet Power Supply DIN PS56 240 W AXIS T8611 SFP Module LC.LX AXIS T8612 SFP Module LC.SX AXIS T8613 SFP Module 1000BASE-T
Environment	Indoor	Warranty	5-year warranty, see axis.com/warranty
Dimensions	135 × 130 × 62 mm 5.3 × 5.1 × 2.4 in	Environmental responsibility:	axis.com/environmental-responsibility
Weight	0.6 kg (1.3 lbs)		
Input voltage	48–57 V DC 48 VDC for PoE IEEE 802.3af (Max. 15.4W) output 54 VDC for PoE+ IEEE 802.3at (Max. 30W) output 54 VDC for AXIS High PoE (Max. 60W) output		
PoE class	Power over Ethernet Plus (PoE+) IEEE 802.3at Type 2 Class 4		
PoE output	Up to 60 W per port Power budget: 240 W		
Pin assignment	Power over pairs: Port 1-4: 1/2, 3/6, 4/5, and 7/8		
Connectors	PoE ports RJ45 10Base-T/100Base-TX/1000Base-T Mbps (4x) Data ports/Uplink RJ45 10Base-T/100Base-TX/1000Base-T Mbps (2x) SFP port (2x) Power Power connector port (2x for power redundancy)		