

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 RJ45 (1x)
Security	Password protection HTTPS encryption VLAN	Surge protection 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, RRP	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 Safety IEC/EN/UL 60950-1 EN 62368-1 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
MAC table	8 k	Management software AXIS Device Manager
Jumbo frames	9216 Bytes	Included accessories Installation Guide Mounting brackets DB-9 console cable
General		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
Casing	Aluminum Color: Black	Warranty 5-year warranty, see axis.com/warranty
Sustainability	PVC free	
Environment	Indoor	
Dimensions	135 x 130 x 62 mm 5.3 x 5.1 x 2.4 in	
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)	

Environmental responsibility:
axis.com/environmental-responsibility