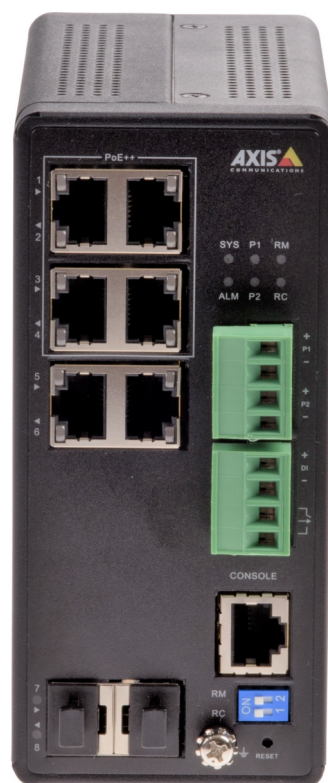


# AXIS T8504-R Industrial PoE Switch

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**



## AXIS T8504-R Industrial PoE Switch

Network	
<b>Security</b>	Password protection HTTPS encryption VLAN
<b>Supported protocols</b>	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
<b>Throughput</b>	11.9 Mpps
<b>Switching capacity</b>	16 Gbps
<b>MAC table</b>	8 K
<b>Jumbo frames</b>	9216 Bytes
General	
<b>Casing</b>	Aluminum Color: Black
<b>Sustainability</b>	PVC free
<b>Environment</b>	Indoor
<b>Dimensions</b>	135 × 130 × 62 mm 5.3 × 5.1 × 2.4 in
<b>Weight</b>	0.6 kg (1.3 lbs)
<b>Input voltage</b>	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
<b>PoE class</b>	Power over Ethernet Plus (PoE+) IEEE 802.3at Type 2 Class 4
<b>PoE output</b>	Up to 60 W per port Power budget: 240 W
<b>Pin assignment</b>	Power over pairs: Port 1–4: 1/2, 3/6, 4/5, and 7/8
<b>Connectors</b>	<b>PoE ports</b> RJ45 10Base-T/100Base-TX/1000Base-T Mbps (4x) <b>Data ports/Uplink</b> RJ45 10Base-T/100Base-TX/1000Base-T Mbps (2x) SFP port (2x) <b>Power</b> Power connector port (2x for power redundancy) Console RJ45 (1x)
<b>Surge protection</b>	6kV on all network ports
<b>Operating conditions</b>	–40 °C to 75 °C (–40 °F to 167 °F) Humidity 5–95% RH (non-condensing)
<b>Storage conditions</b>	–40 °C to 85 °C (–40 °F to 185 °F)
<b>Approvals</b>	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 <b>Safety</b> IEC/EN/UL 60950-1 <b>Environment</b> 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
<b>Management software</b>	AXIS Device Manager
<b>Included accessories</b>	Installation Guide Mounting brackets DB-9 console cable
<b>Optional accessories</b>	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
<b>Warranty</b>	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>

Environmental responsibility:  
[axis.com/environmental-responsibility](http://axis.com/environmental-responsibility)