

# AXIS T8504-E Outdoor PoE Switch

Managed, plug-and-play outdoor switch

AXIS T8504-E Outdoor PoE Switch is an easy-to-install, compact outdoor switch enabling connection of four PoE-powered devices. The SFP port enables fiber connectivity for long distance connections, and remote management ensures easy maintenance, reducing support cost and customer down time. AXIS T8504-E is a robust system component with a wide temperature range, surge protection, and a dust and water-resistant enclosure which remains assembled during installation. With up to 60 W per port and a total power budget of 150 W, the switch is compatible with all Axis network devices.

- > **60 W per port, total 150 W**
- > **SFP port**
- > **Plug-and-play installation**
- > **Rugged enclosure**
- > **VAPIX<sup>®</sup> support**



## AXIS T8504-E Outdoor PoE Switch

Network	
<b>Security</b>	Password protection HTTPS encryption VLAN
<b>Supported protocols</b>	IPv4, IPv6, HTTP, HTTPS, Bonjour, SNMP v1/v2c/v3, DNS, TCP, UDP, IGMP, ICMP, ARP, SSH, RADIUS, TACACS, TELNET, Syslog, 802.1Q (VLAN)
<b>Throughput</b>	14.9 Mpps
<b>Switching capacity</b>	20 Gbps
<b>MAC table</b>	8 K
<b>Jumbo frames</b>	9216 Bytes
General	
<b>Casing</b>	Aluminum Color: White
<b>Environment</b>	Outdoor
<b>Dimensions</b>	240 × 166 × 72 mm 8.42 × 5.90 × 2.75 in
<b>Weight</b>	2.9 kg (6.39 lbs)
<b>Power requirements</b>	100–240 V AC, 50/60 Hz
<b>PoE class</b>	Power over Ethernet Plus (PoE+) IEEE 802.3at Type 2 Class 4
<b>PoE output</b>	Port 1 and 2: Up to 60 W Port 3 and 4: Up to 30 W Power budget: 150 W
<b>Pin assignment</b>	Power over pairs: Port 1 and 2: 1/2, 3/6, 4/5, and 7/8 Port 3 and 4: 1/2 and 3/6
<b>Connectors</b>	<b>PoE ports</b> RJ45 10Base-T/100Base-TX/1000Base-T Mbps (4x) <b>Uplink</b> SFP port (1x) <b>Power</b> Power connector port
<b>Surge protection</b>	6kV on all network ports and AC lines
<b>Operating conditions</b>	-40 °C to 50 °C (-40 °F to 122 °F) Humidity 0–90% RH (non-condensing)
<b>Storage conditions</b>	-40 °C to 85 °C (-40 °F to 185 °F) Humidity 0–90% RH (non-condensing)
<b>Approvals</b>	<b>EMC</b> EN 55032 Class B EN 55024 FCC part 15 Subpart B Class B RCM AS/NZS CISPR 32 Class B EN 61000-4-5 Class 5 EN 50121-4 IEC 62236-4 <b>Safety</b> IEC/EN/UL 60950-1 IEC/EN/UL 60950-22 EAC <b>Environment</b> IEC 60529 IP67 NEMA 250 Type 4X <b>Surge protection</b> GR-1089-CORE Issue 4 ITU-T K.20
<b>Management software</b>	Axis Camera Management
<b>Included accessories</b>	Installation Guide Power connector
<b>Optional accessories</b>	AXIS T91M47 Pole Mount AXIS T8611 SFP Module LC.LX AXIS T8612 SFP Module LC.SX AXIS T8613 SFP Module 1000BASE-T
<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>

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