

# 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<br>HTTPS encryption<br>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<br>Color: White   |
| <b>Environment</b>          | Outdoor  |
| <b>Dimensions</b>           | 240 × 166 × 72 mm<br>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<br>Port 3 and 4: Up to 30 W<br>Power budget: 150 W  |
| <b>Pin assignment</b>       | Power over pairs:<br>Port 1 and 2: 1/2, 3/6, 4/5, and 7/8<br>Port 3 and 4: 1/2 and 3/6   |
| <b>Connectors</b>           | <b>PoE ports</b><br>RJ45 10Base-T/100Base-TX/1000Base-T Mbps (4x)<br><b>Uplink</b><br>SFP port (1x)<br><b>Power</b><br>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)<br>Humidity 0–90% RH (non-condensing)   |
| <b>Storage conditions</b>   | -40 °C to 85 °C (-40 °F to 185 °F)<br>Humidity 95% RH (non-condensing)   |
| <b>Approvals</b>            | <b>EMC</b><br>EN 55032 Class B<br>EN 55024<br>FCC part 15 Subpart B Class B<br>ICES-003 Class B<br>VCCI Class B<br>RCM AS/NZS CISPR 32 Class B<br>EN 61000-4-5 Class 5<br>EN 50121-4<br>IEC 62236-4<br><b>EAC</b><br><b>Safety</b><br>IEC/EN/UL 60950-1<br>IEC/EN/UL 60950-22<br><b>Environment</b><br>IEC 60529 IP67<br>NEMA 250 Type 4X<br><b>Surge protection</b><br>GR-1089-CORE Issue 4<br>ITU-T K.20 |
| <b>Management software</b>  | Axis Camera Management   |
| <b>Included accessories</b> | Installation Guide<br>Power connector  |
| <b>Optional accessories</b> | AXIS T91M47 Pole Mount<br>AXIS T8611 SFP Module LC.LX<br>AXIS T8612 SFP Module LC.SX<br>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)

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