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® support
# AXIS T8504-E Outdoor PoE Switch

<table>
<thead>
<tr>
<th>Network</th>
<th></th>
</tr>
</thead>
</table>
| Security | Password protection  
HTTPS encryption  
VLAN |
| Supported protocols | IPv4, IPv6, HTTP, HTTPS, Bonjour, SNMP v1/v2/c/v3, DNS, TCP, UDP, IGMP, ICMP, ARP, SSH,_RADIUS, TACACS, TELNET, Syslog, 802.1Q (VLAN) |
| Throughput | 7.44 Mbps |
| Switching capacity | 10 Gbps |
| MAC table | 8 K |
| Jumbo frames | 10 Kb |

<table>
<thead>
<tr>
<th>General</th>
<th></th>
</tr>
</thead>
</table>
| Casing | Aluminum  
Color: White |
| Sustainability | PVC free |
| Environment | Outdoor |
| Dimensions | 240 x 166 x 72 mm  
8.42 x 5.90 x 2.75 in |
| Weight | 2.9 kg (6.39 lbs) |
| Input voltage | 100–240 V AC, 50/60 Hz |
| PoE class | Power over Ethernet Plus (PoE+) IEEE 802.3at Type 2 Class 4 |
| PoE output | Port 1 and 2: Up to 60 W  
Port 3 and 4: Up to 30 W  
Power budget: 150 W |
| Pin assignment | 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 |
| Connectors | PoE ports  
RJ45 10Base-T/100Base-TX/1000Base-T Mbps (4x)  
Uplink  
SFP port (1x)  
Power  
Power connector port |

| Surge protection | 6kV on all network ports and AC lines |
| Operating conditions | -40 °C to 50 °C (-40 °F to 122 °F)  
Humidity 0–90% RH (non-condensing) |
| Storage conditions | -40 °C to 85 °C (-40 °F to 185 °F) |

<table>
<thead>
<tr>
<th>Approvals</th>
<th></th>
</tr>
</thead>
</table>
| ECM | EN 55032 Class B  
EN 55024  
FCC part 15 Subpart B Class B  
ICES-003 Class B  
VCCI Class B  
RCM AS/NZS CISPR 32 Class B  
EN 61000-4-5 Class 5  
EN 50121-4  
IEC 62236-4  
EAC  
Safety | IEC/EN/UL 60950-1  
IEC/EN/UL 60950-22  
Environment | IEC 60529 IP67  
NEMA 250 Type 4X  
Surge protection | GR-1089-CORE Issue 4  
ITU-T K.20 |

| Management software | AXIS Device Manager |
| Included accessories | Installation Guide  
Power connector |

<table>
<thead>
<tr>
<th>Optional accessories</th>
<th></th>
</tr>
</thead>
</table>
| AXIS T91M47 Pole Mount  
AXIS T8611 SFP Module LC.LX  
AXIS T8612 SFP Module LC.SX  
AXIS T8613 SFP Module 1000BASE-T |
| Warranty | Axis 3-year warranty and AXIS Extended Warranty option, see axis.com/warranty |

Environmental responsibility:  
axis.com/environmental-responsibility