AXIS T8516 PoE+ Network Switch
16-port switch for efficient network management

AXIS T8516 PoE+ Network Switch is an easy to install 16-port managed Gigabit switch - a perfect complement to Axis' recorders to further simplify setup and installation of surveillance systems. AXIS T8516 comes with an integrated DHCP server for automatic assignment of IP addresses and discovery of connected Axis devices. The intuitive administrator interface offers a graphic topology for easy overview of all devices in the system with information about connected devices and status. The high PoE power output allows for connection of up to 16 PoE cameras.

> 30 W PoE per port, total 240 W
> Gigabit switch
> 2 SFP/RJ45 Combination Ports
> Intuitive graphic topology for system overview
# AXIS T8516 PoE+ Network Switch

**Network**

<table>
<thead>
<tr>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DHCP server included</td>
<td></td>
</tr>
<tr>
<td>VLAN</td>
<td></td>
</tr>
</tbody>
</table>

**Security**

- Password protection
- IP address filtering
- HTTPS encryption
- IEEE 802.1X network access control
- ACL
- Private VLANs
- DHCP Snooping

**Supported protocols**

- IPv4
- IPv6
- HTTP
- HTTPS
- DNS
- NTP
- TCP
- UDP
- IGMP
- ICMP
- DHCP
- ARP
- SSH
- STP
- MSTP
- LLDP
- LLDP-MED
- TFTP
- SMTP
- Bonjour
- UPnP
- SNMP v1/v2c/v3
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- SNMP v1/v2c/v3

**Throughput**

26.8 Mpps

**Switching capacity**

36 Gbps

**MAC table**

8 K

**Jumbo frames**

9216 Bytes

**General**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing</td>
<td>Metal Color: Black</td>
</tr>
<tr>
<td>Environment</td>
<td>Indoor</td>
</tr>
<tr>
<td>Dimensions</td>
<td>WxDxH: 442 x 211 x 44 mm (17.4 x 8.31 x 1.73 in)</td>
</tr>
<tr>
<td>Weight</td>
<td>3 kg (6.1 lbs)</td>
</tr>
<tr>
<td>Power</td>
<td>100–240 V AC, 50/60 Hz</td>
</tr>
<tr>
<td>Power class</td>
<td>Power over Ethernet Plus (PoE+) IEEE 802.3at Type 2 Class 4</td>
</tr>
<tr>
<td>PoE output</td>
<td>Port 1 to 16: Up to 30 W Power budget: 240 W</td>
</tr>
</tbody>
</table>
| Connectors | PoE ports RJ45 10Base-T/100Base-TX/1000Base-T (16x) Uplink  

**Surge protection**

6 kV on all network ports and AC lines

**Operating conditions**

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<th>Condition</th>
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<td>Temperature</td>
<td>0 °C to 50 °C (32 °F to 122 °F)</td>
</tr>
<tr>
<td>Humidity</td>
<td>10–90% RH (non-condensing)</td>
</tr>
</tbody>
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**Storage conditions**

<table>
<thead>
<tr>
<th>Condition</th>
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<tr>
<td>Temperature</td>
<td>-10 °C to 70 °C (14 °F to 158 °F)</td>
</tr>
<tr>
<td>Humidity</td>
<td>5–95% RH (non-condensing)</td>
</tr>
</tbody>
</table>

**Approvals**

- EMC
- EN 55032 Class A
- EN 55024
- FCC Part 15 Subpart B Class A
- VCCI Class A
- ICES-003 Class A
- KCC
- RCM
- Safety
- IEC/EN/UL 60950-1
- S-mark (Argentina)
- EAC
- CE, ANATEL, JATE

**Management software**

- AXIS Device Manager

**Included accessories**

- Installation Guide
- Power cord
- 19” ear rack kit
- Rubber feet (4x)

**Warranty**

- Axis 3-year warranty, see axis.com/warranty

**Environmental responsibility**

- www.axis.com/environmental-responsibility

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