AXIS D8308 Fiber Aggregation Switch

8-port fiber switch for efficient network management

AXIS D8308 acts as a central point to connect multiple Axis devices with fiber midspans over longer distances. It also allows you to grow your system by adding more fiber switches or network switches. Furthermore, featuring a familiar Axis interface with a graphic topology for easy overview of devices, AXIS D8308 ensures easy configuration with Axis products.

> **8 SFP+ and 2 SFP28 ports**
> **Optimized for surveillance solutions**
> **Easy installation and configuration**
> **Unique web graphic user interface**

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Network

Network function
Full L2 switching features including L3 features: IPv4/IPv6 static route, RIP, and OSPF

Network protocols
IPv4, IPv6, HTTP, HTTPS, QoS Layer 3 DiffServ, mDNS (Bonjour), UPnP®, SNMP v1/v2c/v3, DNS/DNSv6, NTP, TCP, UDP, IGMPv1/v2/v3, ICMP, DHCP, ARP, SSH, CDP, RADIUS, TACACS+, Syslog, IEEE 802.1X, 802.1Q (VLAN), LLDP, LLDP-Med, STP, MSTP, RSTP, LACP, RIP v1/v2, OSPF v2/v3

Throughput
193.44 Mpps

Switching capacity
260 Gbps

MAC table
32 K

Jumbo frames
10240 Bytes

Approvals

Product markings
CSA, UL/cUL, CE, VCCI, RCM, ICES, FCC

Supply chain
TAA compliant

EMC
CISPR 32 Class A, EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4
Australia/New Zealand: RCM AS/NZS CISPR 32 Class A
Canada: ICES(A)/NMB(A)
Japan: VCCI Class A
USA: FCC Part 15 Subpart B Class A

Safety
CAN/CSA C22.2 No. 62368-1 ed. 3, IEC/EN/UL 62368-1 ed. 3, RCM AS/NZS 62368.1:2022

Cybersecurity

Network security
IEEE 802.1X, HTTPS encryption, TLS v1.2, X.509 Certificate PKI, Access Control List (ACL), port security, IP source guard, storm control, private VLAN, DHCP snooping, ARP inspection, password protection, loop protection

Documentation
AXIS Network Switches Hardening Guide
Axis Vulnerability Management Policy
Axis Security Development Model
Software Bill of Material (SBOM)
To download documents, go to *axis.com/support/ cybersecurity/resources*
To read more about Axis cybersecurity support, go to *axis.com/cybersecurity*

General

Casing
Steel
Color: Black

Power
100–250 V AC, 50/60 Hz

Connectors
SFP+
10GBASE-LR/SR SFP+ (8x)
Data ports/Uplink
25GBASE-LR/SR SFP28 (2x)
Power
Power connector port (1x)
Console
RJ45 (1x)

Surge protection
Network ports: 1kV
AC lines: 2 kV

Operating conditions
0 to 50 °C (-32 °F to 122 °F)
Humidity 0–95% RH (non-condensing)

Storage conditions
-20 °C to 70 °C (-4 °F to 158 °F)
Humidity 5–95% RH (non-condensing)

Dimensions
For the overall product dimensions, see the dimension drawing in this datasheet.

Weight
2580 g (5.67 lb)

Box content
Switch, installation guide, 19" ear rack kit, rubber feet (x4), power cord

Optional accessories
AXIS TD8910 Console Cable
AXIS TD8911 SFP28 Module LC.LR.X
AXIS TD8912 SFP28 Module LC.SR.X
For more accessories, go to *axis.com/products/axis-d8308-fiber-aggregation-switch#accessories*

System tools
AXIS Site Designer, AXIS Device Manager, product selector, accessory selector
Available at *axis.com*

Languages
English

Warranty
5-year warranty, see *axis.com/warranty*

Export control
This product is subject to export control regulations, and you should always comply with all applicable national and international export or re-export control regulations.

Part numbers
Available at *axis.com/products/axis-d8308-fiber-aggregation-switch#part-numbers*

Sustainability

Substance control
PVC free, BFR/CFR free in accordance with JEDEC/ECA Standard JS709
RoHS in accordance with EU RoHS Directive 2011/65/EU and 2015/863, and standard EN IEC 63000:2018
REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see *echa.europa.eu*

Materials
Screened for conflict minerals in accordance with OECD guidelines
To read more about sustainability at Axis, go to *axis.com/about-axis/sustainability*

Environmental responsibility
axis.com/environmental-responsibility
Axis Communications is a signatory of the UN Global Compact, read more at *unglobalcompact.org*

Dimension drawing

AXIS D8308 FIBER AGGREGATION SWITCH

210 [8.27]

44 [1.73]

211.1 [8.31]

442 [17.4]