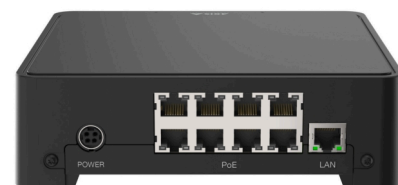# AXIS S3008 Mk II Recorder

Compact recorder with integrated switch for UHD surveillance

AXIS S3008 Mk II Recorder is a compact recorder with an integrated PoE switch for up to 8 PoE Class 3 devices. It provides reliable recording thanks to the surveillance-grade hard drive. This high-performance recorder offers gigabit uplink for video recordings in ultra-high definition and includes a 5-year warranty. The recorder can be used in single-site, multi-site systems and for expanding storage and network in existing systems. It is compatible with both AXIS Companion as well as AXIS Camera Station video management software and mobile app.
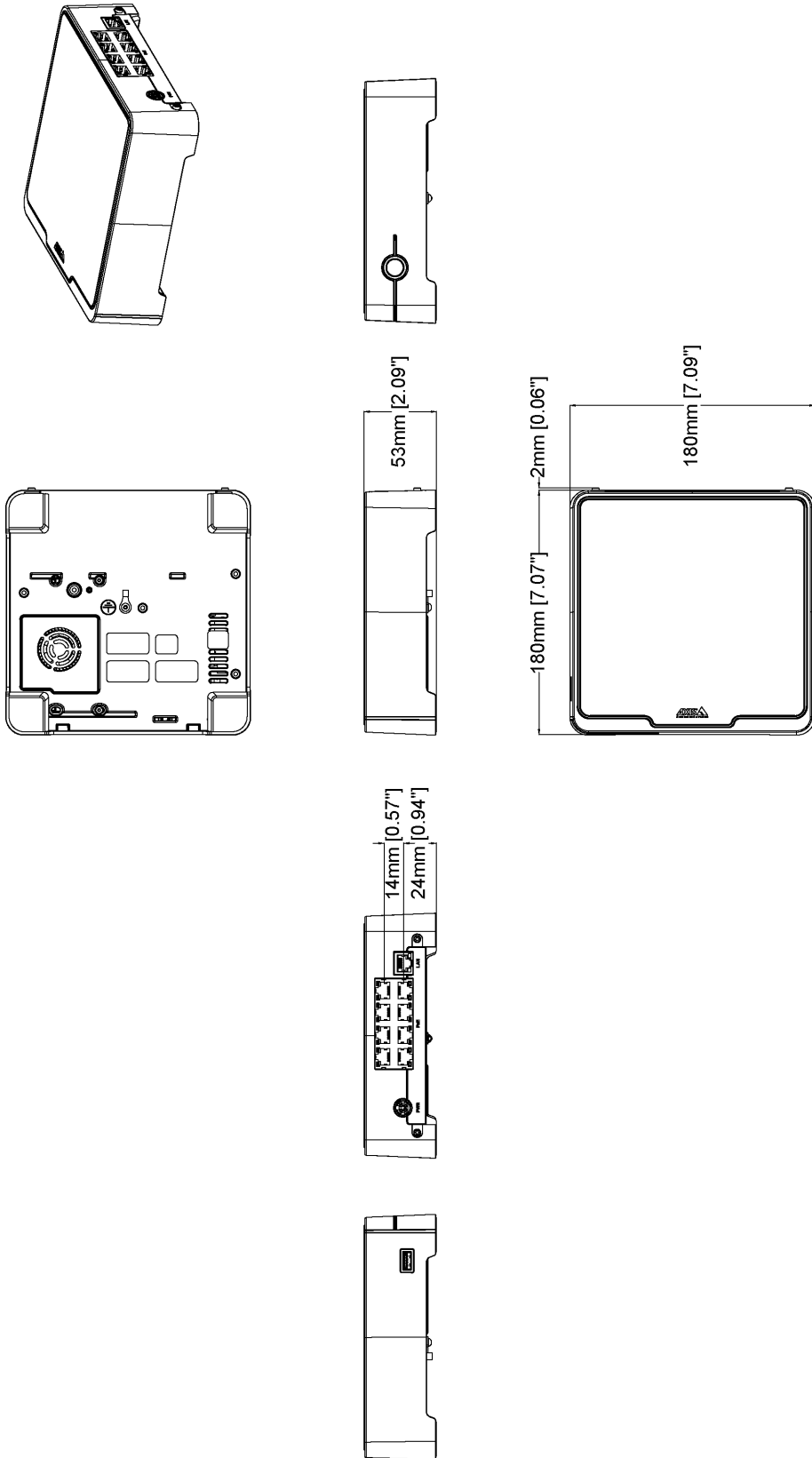
> Compact recorder with integrated PoE switch

> Easy to install and operate

> Surveillance-grade hard drive

> USB port for exporting video

> 5-year warranty

AXIS S3008 Mk II Recorder

Variants	AXIS S3008 Mk II Recorder 2 TB AXIS S3008 Mk II Recorder 4 TB AXIS S3008 Mk II Recorder 8 TB
Storage	Surveillance class HDD: 2 TB, 4 TB or 8 TB

System on chip (SoC)

Model	i.MX 8QuadPlus

Video

Recording	Qualified for recording up to 8 video sources with a total recording rate up to 160 Mbit per second
Video compression	H.264 (MPEG-4 Part 10/AVC), H.265 (MPEG-H Part 2/HEVC) Depending on camera support
Resolution	Supports all camera resolutions
Frame rate	Supports all camera frame rates
Audio streaming	One-way audio recording depending on camera support
Audio encoding	AAC Depending on camera support

Network

Network function	NTP server
Security	Hard drive encryption (AES-XTS-Plain64 256bit), user access log, centralized certificate management, IEEE 802.1x (EAP-TLS) network access control
Network protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS, HTTP/2, TLS, QoS, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, NTP, NTS, TCP, UDP, IGMP, ICMP, DHCPv4/v6, ARP, SSH, LLDP

System integration

Application Programming Interface	One-click cloud connection
Video management systems	Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software from Axis' partners available at axis.com/vms.

Events & alarms

Event triggers	Hard drive error, hard drive temperature warning, CPU temperature warning, fan error, PoE budget exceeded MQTT subscribe

Approvals

EMC	EN 55024, EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2 **Australia/New Zealand:** RCM AS/NZS CISPR 32 Class A **Canada:** ICES-3(A)/NMB-3(A) **Japan:** VCCI Class A **Korea:** KC KN32 Class A, KC KN35 **USA:** FCC Part 15 Subpart B Class A
Safety	IEC/EN 62368-1, UL 62368-1, IS 13252
Environment	IEC 60068-2-1, IEC 60068-2-14, IEC 60068-2-2, IEC 60068-2-27, IEC 60068-2-6, IEC 60068-2-78, IEC/EN 60529 IP3X
Cybersecurity	ETSI EN 303 645

Cybersecurity

Edge security	**Software:** Signed OS, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 OpenID Authorization Code Flow for centralized ADFS account management, password protection **Hardware:** Axis Edge Vault cybersecurity platform TPM 2.0 (CC EAL4+, FIPS 140-2 Level 2), secure element (CC EAL 6+), system-on-chip security (TEE), Axis device ID, secure keystore, secure boot, encrypted filesystem (AES-XTS-Plain64 256bit)
Network security	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, host-based firewall
Documentation	*AXIS OS Hardening Guide* *AXIS OS Software Bill of Material (SBOM)* *Axis Vulnerability Management Policy* *Axis Security Development Model* To download documents, go to *axis.com/support/cybersecurity/resources* To read more about Axis cybersecurity support, go to *axis.com/cybersecurity*

General

Supported devices	Axis devices with firmware 5.50 or later AXIS Companion mini cameras and third-party cameras are not supported
Input	**Power supply:** 50–60 Hz, 100–240 V AC, max 180 W **Recorder:** 1.88 A, 48 V DC, max 155 W
Output	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 0, Class 1, Class 2, and Class 3 Total PoE power budget: 124 W PoE-class reservation and allocation of Max-power via LLDP for supported devices
Casing	Aluminum and plastic casing Color: Black
Operating conditions	0 °C to 45 °C (32 °F to 113 °F) Humidity 10–85% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH
Connectors	**Rear side:** 8x RJ45 10BASE-T/100BASE-TX PoE 1x RJ45 10BASE-T/100BASE-TX/1000BASE-T DC input **Side:** 1x USB 3.0
Sustainability	PVC free
Dimensions	180 x 180 x 53 mm (7 1/16 x 7 1/16 x 2 1/16 in)
Weight	**2 TB:** 1310 g (2.9 lb) **4 TB:** 1350 g (3.0 lb) **8 TB:** 1450 g (3.2 lb)
Box content	AXIS S3008 Mk II Recorder, AXIS Mains adapter 48 V DC 180 W (2676603) including power cable, installation guide, OAK key
Optional accessories	AXIS TS3001 Recorder Mount AXIS TW8100 Rack Mount
Warranty	**Recorder and hard drive:** 5-year warranty, see *axis.com/warranty*

Dimension drawing

53mm [2.09"]

2mm [0.06"]

180mm [7.09"]

180mm [7.07"]

14mm [0.57"]

24mm [0.94"]

Revision	v.01	Revision date	2023-11-27
Paper size	A4	Release date	2023-11-27
Created by	MF	Scale	1:4

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