

# 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

Models	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
<b>System on chip (SoC)</b>	
Model	i.MX 8QuadPlus
<b>Video</b>	
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
<b>Network</b>	
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™, DNS/DNSv6, NTP, NTS, TCP, UDP, IGMP, ICMP, DHCPv4/v6, ARP, SSH, LLDP
<b>System integration</b>	
Application Programming Interface	One-click cloud connection
<b>Events &amp; alarms</b>	
Event triggers	Hard drive error, hard drive temperature warning, CPU temperature warning, fan error, PoE budget exceeded MQTT subscribe
<b>Cybersecurity</b>	
Edge security	<b>Software:</b> Signed firmware, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 OpenID Authorization Code Flow for centralized ADFS account management, password protection, AES-XTS-Plain64 256bit SD card encryption <b>Hardware:</b> Secure boot, Axis Edge Vault with Axis device ID, secure keystore
Network security	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, IP address filtering
Documentation	<i>AXIS OS Hardening Guide</i> <i>AXIS OS Software Bill of Material (SBOM)</i> <i>Axis Vulnerability Management Policy</i> <i>Axis Security Development Model</i> To download documents, go to <a href="https://axis.com/support/cybersecurity/resources">axis.com/support/cybersecurity/resources</a>

To read more about Axis cybersecurity support, go to [axis.com/cybersecurity](https://axis.com/cybersecurity)

<b>General</b>	
Supported devices	Axis devices with firmware 5.50 or later AXIS Companion mini cameras and third-party cameras are not supported
Input	<b>Power supply:</b> 50–60 Hz, 100–240 V AC, max 180 W <b>Recorder:</b> 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	<b>Rear side:</b> 8x RJ45 10BASE-T/100BASE-TX PoE 1x RJ45 10BASE-T/100BASE-TX/1000BASE-T <b>DC input</b> <b>Side:</b> 1x USB 3.0
Approvals	<b>EMC:</b> EN 55024, EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), KC KN32 Class A, KC KN35, RCM AS/NZS CISPR 32 Class A, VCCI Class A <b>Safety:</b> IEC/EN 62368-1, UL 62368-1, IS 13252 <b>Environment:</b> 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
Sustainability	PVC free
Dimensions	180 x 180 x 53 mm (7 1/16 x 7 1/16 x 2 1/16 in)
Weight	<b>2 TB:</b> 1310 g (2.9 lb) <b>4 TB:</b> 1350 g (3.0 lb) <b>8 TB:</b> 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
Video management software	Compatible with AXIS Companion, AXIS Camera Station available at <a href="https://axis.com/vms">axis.com/vms</a>
Warranty	<b>Recorder and hard drive:</b> 5-year warranty, see <a href="https://axis.com/warranty">axis.com/warranty</a>