AXIS F34 Surveillance System

A complete, cost-efficient solution you can trust.

AXIS F34 Surveillance System offers in one box all the components needed to deploy a discreet and cost-efficient solution for multi-view surveillance. The system enables simultaneous streaming of HDTV 720p videos from four different areas through one Ethernet port. The sensor units can be recessed- or surface-mounted using the included accessories. Video is stored locally on SD cards that are specifically engineered to handle continuous overwriting for lasting performance. With Axis' Zipstream technology, the solution provides efficient video compression, enabling lower bandwidth and storage use. AXIS Companion Line 3.10 software provides secure remote monitoring and video management from a PC or mobile phone.

- **AXIS F34 Main Unit streams HDTV 720p videos from four AXIS F1004 Sensor Units simultaneously**
- **Axis' Zipstream technology**
- **Storage on two AXIS Surveillance Card 64 GB**
- **Video management with AXIS Companion Line**



AXIS F34 Surveillance System

General	
In the box	AXIS F34 Main Unit AXIS F8214 Dome Accessory (4x) AXIS F8224 Recessed Mount (4x) AXIS F1004 Sensor Unit (4x) AXIS F7315 Cable White 15 m (4x) AXIS Surveillance microSDXC™ Card 64 GB (2x) AXIS Mains Adaptor PS-P T-C with mains cable

AXIS F34 Main Unit

Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	1920x1080 (1080p)[a] to 480x270 1280x720 to 480x270
Wide dynamic range	Dynamic Contrast
Frame rate	In 1080p: 12.5/15 fps (50/60 Hz) In 720p: 25/30 fps (50/60 Hz)
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264 Quad view, max 1080p resolution 25/30 fps (50/60 Hz) with 720p capture mode 12.5/15 fps (50/60 Hz) with 1080p capture mode
Image settings	Compression, color, brightness, sharpness, contrast, white balance, exposure value, exposure control, exposure zones, local contrast, rotation, Corridor Format, text and image overlay, privacy mask, mirroring of images, Wide Dynamic Range - Dynamic Contrast
Network	
Security	Password protection, IP address filtering, HTTPS[b] encryption, IEEE 802.1X[b] network access control, digest authentication, user access log, centralized certificate management
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTP/2, HTTPS[b], SSL/TLS[b], QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, LLDP, MQTT, Syslog
System integration	
Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *axis.com* AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at *onvif.org*
Analytics	**Included** AXIS Video Motion Detection **Supported** AXIS Cross Line Detection AXIS Digital Autotracking Support for AXIS Camera Application Platform enabling installation of third-party applications, see *axis.com/acap*
Event triggers	Analytics Edge storage events
Event actions	File upload: email, FTP, HTTP, HTTPS, network share Notification: email, HTTP, HTTPS and TCP Pre- and post-alarm video buffering Send SNMP trap, WDR mode
Built-in installation aids	Pixel counter
Data streaming	Event data
General	
Casing	Plastic
Sustainability	PVC-free
Memory	1024 MB RAM, 256 MB Flash
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 max 12.27 W 8-28 V DC, max 12.58 W
Connectors	RJ45 fr 10BASE-T/100BASE-TX PoE RJ12 for sensor units 2-pin terminal block for 8-28 V DC input
Storage	Two SD/SDHC/SDXC slots Support for SD card encryption Recording to network-attached storage (NAS) For SD card and NAS recommendations see *axis.com*
Operating conditions	0 °C to 40° C (32 °F to 104 °F) Humidity 10-85% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5-95% RH (non-condensing)
Approvals	**EMC** EN 55022 Class B, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24, EN 61000-6-1, EN 61000-6-2, EN 61000-3-2, EN 61000-3-3 **Safety** IEC/EN/UL 60950-1 **Environment** IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-78, EN 50581 **Network** NIST SP500-267
Dimensions	30 x 121 x 121 mm (1 3/16 x 4 12/16 x 4 12/16 in)
Weight	238 g (0.52 lb)
Included accessories	Installation Guide, Windows® decoder 1-user license, AVHS Authentication key Rubber feet, mounting brackets
Optional accessories	AXIS T8120 15 W Midspan 1-port AXIS T8129 PoE Extender Network cable coupler indoor slim Mains adaptor PS-P terminal connector AXIS Surveillance microSDXC Card 64GB For more accessories, see *axis.com*
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at *axis.com/vms*
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see *axis.com/warranty*

a. *Valid for sensor units that support it*
b. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

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AXIS F1004 Sensor Unit

Camera	
Image sensor	1/4" (effective) progressive scan RGB CMOS
Lens	Fixed iris 2.1 mm, F2.2 Horizontal angle of view: 102° Vertical angle of view: 56°
Resolution	Max 1280x720
Wide dynamic range	WDR
Minimum illumination	Color: 0.4 lux
Shutter speed	1/24500 s to 1/6 s
Frame rate	Max 25/30 fps (50/60 Hz)

General	
Casing	Zinc and plastic
Operating conditions	-20 °C to 50 °C (-4 °F to 122 °F) Humidity 10–85% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	IEC/EN/UL 60950-1, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78,EN 55024, EN 61000-6-1, EN 61000-6-2, EN 61000-3-2, EN 61000-3-3, EN 50581,EN 55022 Class B, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24
Dimensions	37.5 mm (1 1/2 in) ø 16 mm (5/8 in)
Weight	96 g (0.21 lb)
Required hardware	AXIS F Main Unit
Included accessories	Installation Guide Flush mount kit for installation in wall or ceiling
Optional accessories	AXIS F7315 Cable White 15 m AXIS F8214 Dome Accessory AXIS F8224 Recessed Mount AXIS F8204 Mounting band Mounting bracket for AXIS P1214/P1214-E/P1224-E
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see *www.axis.com/warranty*

AXIS Surveillance Card 64 GB

SD card	
Form factor	microSDXC™ with SD™ card adapter[a]
Packaging	The microSDXC™card and SD™ card adapter are delivered in a jewel case
Color	White
Capacity	64 GB[b]
Class	Class 10 (C10) and UHS Speed Class 1 (U1) 50 – 80 MB/s read/write
Card dimensions	microSDXC™ card: 15 mm x 11 mm x 1.0 mm (0.59 in x 0.43 in x 0.04 in) SD™ adapter: 24 mm x 32 mm x 2.1 mm (0.94 in x 1.26 in x 0.08 in)
Operating conditions	-25 °C to 85 °C (-13 °F to 185 °F)
Storage conditions	-40 °C to 85 °C (-40 °F to 185 °F)
Sustainability	PVC free
Approvals	EN 55022 Class B, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, RCM AS/NZS CISPR 22 Class B, VCCI Class B
Compatibility	Compatible with all Axis products that support microSD and SD cards.
Warranty	Axis 3-year warranty, see *axis.com/warranty*

a. *SanDisk is a trademark of Western Digital Corporation, registered in the United States and other countries. microSDXC and SD marks and logos are trademarks of SD-3C, LLC.*
b. *1GB=1,000,000,000 bytes. Actual user storage less.*

Environmental responsibility:

axis.com/environmental-responsibility

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