

## 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 Camera Companion 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 microSDXC™ Card 64 GB**
- > **Video management with AXIS Camera Companion**



# AXIS F34 Surveillance System

## General

<b>In the box</b>	<p>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</p>
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## AXIS F34 Main Unit

### Video

<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
<b>Resolutions</b>	1920x1080 (1080p) <sup>a</sup> to 480x270 1280x720 to 480x270
<b>Frame rate</b>	H.264/Motion JPEG: In 1080p: 12.5/15 fps (50/60 Hz) In 720p: 25/30 fps (50/60 Hz)
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 (Main, Baseline and High Profiles) and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264 Axis' Zipstream technology in 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
<b>Image settings</b>	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

<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>b</sup> encryption, IEEE 802.1X <sup>b</sup> network access control, Digest authentication, User access log, Centralized certificate management
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>b</sup> , SSL/TLS <sup>b</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH

### System integration

<b>Application Programming Interface</b>	Open API for software integration, including VAPIX® and AXIS Camera Application Platform (ACAP); specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S; specification at <a href="http://www.onvif.org">www.onvif.org</a>
<b>Analytics</b>	AXIS Video Motion Detection 3 Support for AXIS Camera Application Platform enabling installation of AXIS Cross Line Detection, AXIS Digital Autotracking and third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>
<b>Event triggers</b>	Analytics Edge storage events
<b>Event actions</b>	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
<b>Built-in installation aids</b>	Pixel counter

### Data streaming

<b>General</b>	Event data
<b>Casing</b>	Plastic
<b>Memory</b>	1024 MB RAM, 256 MB Flash
<b>Power</b>	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 max 12.27 W 8-28 V DC, max 12.58 W
<b>Connectors</b>	Female RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for sensor units 2-pin terminal block for 8-28 V DC input
<b>Edge storage</b>	Two SD/SDHC/SDXC slots supporting memory card up to 64 GB Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations, see <a href="http://www.axis.com">www.axis.com</a>
<b>Operating conditions</b>	0 °C to 40° C (32 °F to 104 °F) Humidity 10-85% RH (non-condensing)
<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F)
<b>Approvals</b>	IEC/EN/UL 60950-1, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-78, EN 55024, EN 61000-6-1, EN 61000-6-2, EN 61000-3-2, EN 61000-3-3, EN 50581, IEC 60529 IP32 EN 55022 Class B, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24
<b>Dimensions</b>	30 x 121 x 121 mm (1 3/16 x 4 12/16 x 4 12/16 in)
<b>Weight</b>	238 g (0.52 lb)
<b>Included accessories</b>	Rubber feet, Mount bracket Installation Guide, Windows decoder 1-user license, AVHS Authentication key
<b>Optional accessories</b>	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
<b>Video management software</b>	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/software">www.axis.com/techsup/software</a>
<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>

- a. *Valid for sensor units that support it*  
 b. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).*

# AXIS F1004 Sensor Unit

## Camera

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

## General

<b>Casing</b>	Zinc and plastic
<b>Operating conditions</b>	0 °C to 50 °C (32 °F to 122 °F) Humidity: 10-85% RH (non-condensing)
<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F)
<b>Approvals</b>	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, IEC 60529 IP3x, EN 55022 Class B, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24
<b>Dimensions</b>	37.5 mm (1 1/2 in) ∅ 16 mm (5/8 in)
<b>Weight</b>	96 g (0.21 lb)
<b>Required hardware</b>	AXIS F Main Unit
<b>Included accessories</b>	Installation Guide Flush mount kit for installation in wall or ceiling
<b>Optional accessories</b>	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
<b>Warranty</b>	Axis 3-year warranty, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>

## AXIS Surveillance microSDXC™ Card 64 GB

SD card	
<b>Form factor</b>	microSDXC™ with SD™ card adapter <sup>a</sup>
<b>Casing</b>	The microSDXC™ card and SD™ card adapter are delivered in a jewel case
<b>Color</b>	White
<b>Capacity</b>	64 GB
<b>Class</b>	Class 10
<b>Transfer speed read/write</b>	20 MB/s read/write
<b>Card dimensions</b>	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)
<b>Operating conditions</b>	-25 °C to 85 °C (-13 °F to 185 °F)
<b>Storage conditions</b>	-40 °C to 85 °C (-40 °F to 185 °F)

  

<b>Approvals</b>	EN 55022 Class B, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, C-tick AS/NZS CISPR 22 Class B
<b>Compatibility</b>	Compatible with all microSD, microSDHC, microSDXC and supporting host devices with SD, SDHC, SDXC
<b>Warranty</b>	Axis 3-year warranty, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>

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More information is available at [www.axis.com](http://www.axis.com)