

## AXIS F34 Main Unit

### Multi-view surveillance

AXIS F34 supports up to four AXIS F Sensor Units for surveillance of four closely situated areas. It enables a cost-effective, highly discreet solution for multi-view surveillance, enabling simultaneous streaming of 1080p or HDTV 720p videos from four different areas through one Ethernet port. Quad view streaming is also supported. The unit offers wide dynamic range capability for handling scenes with high-contrast lighting. With Axis Zipstream technology, AXIS F34 provides a more efficient video compression, enabling lower bandwidth and storage use. AXIS F34 has two SD card slots for local storage of recordings, and supports Power over Ethernet and 8-28 V DC.

- > [Streams 1080p/HDTV 720p videos from four sensor units simultaneously](#)
- > [Quad view stream](#)
- > [Axis Zipstream](#)
- > [Two built-in SD card slots](#)



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<b>Video</b>		<b>Sustainability</b>	PVC-free
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	<b>Memory</b>	1024 MB RAM, 256 MB Flash
<b>Resolution</b>	1920x1080 (1080p) <sup>a</sup> to 480x270 1280x720 to 480x270	<b>Power</b>	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
<b>Wide dynamic range</b>	Dynamic Contrast	<b>Connectors</b>	RJ45 fr 10BASE-T/100BASE-TX PoE RJ12 for sensor units 2-pin terminal block for 8–28 V DC input
<b>Frame rate</b>	In 1080p: up to 12.5/15 fps (50/60 Hz) In 720p: up to 25/30 fps (50/60 Hz)	<b>Storage</b>	Two SD/SDHC/SDXC slots, (card not included) Support for SD card encryption Recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://axis.com">axis.com</a>
<b>Video streaming</b>	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	<b>Operating conditions</b>	0 °C to 40° C (32 °F to 104 °F) Humidity 10–85% RH (non-condensing)
<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	<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
<b>Network</b>		<b>Approvals</b>	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
<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>Safety</b>	IEC/EN/UL 60950-1
<b>Supported protocols</b>	IPv4, IPv6 USGv6, HTTP, HTTP/2, HTTPS <sup>b</sup> , SSL/TLS <sup>b</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , 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	<b>Environment</b>	IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-78, EN 50581
<b>System integration</b>		<b>Network</b>	NIST SP500-267
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://axis.com">axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF <sup>®</sup> Profile G and ONVIF <sup>®</sup> Profile S, specification at <a href="http://onvif.org">onvif.org</a>	<b>Dimensions</b>	30 x 121 x 121 mm (1 3/16 x 4 12/16 x 4 12/16 in)
<b>Analytics</b>	<b>Included</b> AXIS Video Motion Detection <b>Supported</b> AXIS Cross Line Detection AXIS Digital Autotracking Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</a>	<b>Weight</b>	238 g (0.52 lb)
<b>Event triggers</b>	Analytics Edge storage events	<b>Included accessories</b>	Installation Guide, Windows <sup>®</sup> decoder 1-user license, AVHS Authentication key Rubber feet, mounting brackets
<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>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 For more accessories, see <a href="http://axis.com">axis.com</a>
<b>Built-in installation aids</b>	Pixel counter	<b>Video management software</b>	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at <a href="http://axis.com/vms">axis.com/vms</a>
<b>Data streaming</b>	Event data	<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>General</b>		<b>Warranty</b>	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>
<b>Casing</b>	Plastic	<p>a. Valid for sensor units that support it</p> <p>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).</p>	

Environmental responsibility:

[axis.com/environmental-responsibility](http://axis.com/environmental-responsibility)