

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 technology](#)
- > [Two built-in SD card slots](#)



AXIS F34 Main Unit

Models	AXIS F34: 4 channels, 1080p/HDTV 720p, quad view
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolutions	1920 x 1080 (1080p) to 160 x 90 ^a 1280 x 720 (720p) to 160 x 90
Frame rate	H.264/Motion JPEG: ^b 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 (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
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 ^c encryption, IEEE 802.1X ^c network access control, Digest authentication, User access log, Centralized certificate management
Supported protocols	IPv4/v6, HTTP, HTTPS ^c , SSL/TLS ^c , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP [™] , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH
System integration	
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform, specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S
Analytics	AXIS Camera Application Platform Video motion detection 3
Event triggers	Analytics Edge storage events
Event actions	File upload: 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
Memory	1024 MB RAM, 256 MB Flash
Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 max 12.27 W; 8-28 V DC, max 12.58 W
Connectors	Female RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for sensor units 2-pin terminal block for 8-28 V DC input
Edge storage	Support for recording to dedicated network-attached storage. For SD card and NAS recommendations, see www.axis.com Two SD/SDHC/SDXC slots supporting memory card up to 64 GB (card not included)
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)
Approvals	IEC/EN/UL 60950-1, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-78, 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
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	Rubber feet, Mount bracket Installation Guide, Windows decoder 1-user license, AVHS Authentication key
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
Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

- a. Information may vary depending on the sensor unit
b. Information may vary depending on the sensor unit
c. 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 (eyay@cryptsoft.com).

AXIS F Sensor Units

Models	Sensor units with option of 3-m or 12-m (10-ft or 39-ft) cable: AXIS F1005-E: Standard, IP66/IP67-rated AXIS F1015: Varifocal AXIS F1025: Pinhole AXIS F1035-E: Fisheye, IP66/IP67-rated	Approvals	AXIS F1005-E/F1015/F1025/F1035-E: ECE R10 rev.04, EN 50121-4, IEC/EN/UL 60950-1, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-30, IEC 60068-2-78, IEC 60529 IP4X, IEC 62236-4, EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, 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, EN 50581 AXIS F1005-E/F1035-E; IEC 60068-2-60, IEC 60529 IP66/IP67, IEC 60721-3-5 5M3 (vibration, shock), IEC/EN/UL 60950-22, NEMA 250 Type 4X AXIS F1015/F1025: IEC 60068-2-6, IEC 60068-2-27
Camera			
Image sensor	AXIS F1005-E/AXIS F1015/AXIS F1025/AXIS F1035-E: 1/2.8" (effective) progressive scan RGB CMOS	Dimensions	AXIS F1005-E: 62 mm (2.4 in) ø 30 mm (1.2 in) AXIS F1015: 69 mm (2.7 in) ø 30 mm (1.2 in) AXIS F1025: 45 mm (1.8 in) ø 20 mm (0.8 in) AXIS F1035-E: 62 mm (2.4 in) ø 30 mm (1.2 in)
Lens	Fixed iris AXIS F1005-E: 2.8 mm, F2.0: 113° view; 73° view in HDTV 720p ^a AXIS F1015: 3-6 mm, F2.0: 108° to 53° view ; 65° to 35° view in HDTV 720p ^a AXIS F1025: 3.7 mm, F2.5: 92° view ; 56° view in HDTV 720p ^a AXIS F1035-E: 1.3 mm, F2.8: 194° view; 112° view in HDTV 720p ^a	Weight	AXIS F1005-E (12 m / 39 ft cable): 366 g (0.81 lb) AXIS F1005-E (3 m / 10 ft cable): 116 g (0.26 lb) AXIS F1015 (12 m / 39 ft cable): 370 g (0.82 lb) AXIS F1015 (3 m / 10 ft cable): 120 g (0.26 lb) AXIS F1025 (12 m / 39 ft cable): 328 g (0.72 lb) AXIS F1025 (3 m / 1 ft cable): 78 g (0.17 lb) AXIS F1035-E (12 m / 39 ft cable): 346 g (0.76 lb) AXIS F1035-E (3 m / 10 ft cable): 96 g (0.21 lb)
Minimum illumination	Color: 0.3 lux	Included accessories	Installation Guide AXIS F1005-E/F1015/F1035-E: AXIS F8201 Vari-angle Mounting Bracket AXIS F1025: AXIS F8202 Straight Mounting Bracket
Shutter time	With AXIS F34: 1080p 12.5/15 fps: 1/22500 s to 2 s; HDTV 720p 25/30 fps: 1/28000 s to 2 s With AXIS F41: HDTV 1080p 25/30/50/60 fps: 1/143000 s to 2 s; WUXGA (1920x1200) 25/30 fps: 1/143000 s to 2 s With AXIS F44: 1080p 12.5/15 fps: 1/22500 s to 2 s; HDTV 720p 25/30 fps: 1/28000 s to 2 s	Optional accessories	AXIS F1005-E/F1015/F1035-E: AXIS F8203 Fixed Mount Bracket AXIS F1005-E: AXIS F8401 Clear Lens Protector
General			
Casing	Aluminum	Warranty	Axis 3-year warranty, see www.axis.com/warranty
Operating conditions	-30 °C to 55 °C (-22 °F to 131 °F) AXIS F1005-E/F1035-E: Humidity 10-100% RH (condensing) AXIS F1015/F1025: Humidity 10-85% RH (non-condensing)		
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)		

a. Information may vary depending on the sensor unit

AXIS F1004 Sensor Unit

Camera		Approvals
Image sensor	1/4" (effective) progressive scan RGB CMOS	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
Lens	Fixed iris 2.1 mm, F2.2: 102° horizontal angle of view, 56° vertical angle of view	
Minimum illumination	Color: 0.4 lux	
Shutter time	1/24500 s to 1/6 s	
Resolutions	Max: 720p	Dimensions
Frame rate	25/30 fps	Weight
Image settings	WDR – dynamic contrast	Required hardware
General		Included accessories
Casing	Zinc and plastic	Optional accessories
Operating conditions	0 °C to 50 °C (32 °F to 122 °F)	Warranty
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)	

More information is available at www.axis.com