



# CAMERA CA1-4

## OVERVIEW



### Security cameras & Main Unit Fisheye lens for wide area surveillance

AXIS F1035-E is ideal for highly discreet, wide area coverage in outdoor surveillance applications. The unit also supports Wide Dynamic Range (WDR) and Forensic Capture, ideal for scenes with very bright and dark areas. The rugged AXIS F1035-E withstands dust, rain, snow, vibration, shock and impact. It provides a 1080p resolution and a fisheye lens with a 194° horizontal field of view.

AXIS F44 Main Units enables streaming of 1080p or HDTV 720p videos from four sensor units simultaneously through one Ethernet port. Support for Zipstream technology lowers bandwidth and storage use. Other supported features include audio, input/output ports, Power over Ethernet, 8-28 V DC and two SD card slots.

- > One to four (4) units can be mounted on the pole
- > Orientation specified by the client
- > WDR & Forensic Capture (with AXIS F44 Main Unit)

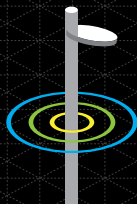
### AXIS F1035-e Sensor Unit

<b>Models</b>	AXIS F1035-E 3m/10ft. cable: Fisheye, IP66/IP67 - rated AXIS F1035-E 12m/39ft. cable: Fisheye, IP66/IP67 - rated
<b>Camera</b>	
<b>Image sensor</b>	1/2.8" (effective) progressive scan RGB CMOS
<b>Lens</b>	Fixed iris 1.3 mm, F2.8 With AXIS F34/F41/F44 in 1080p: Horizontal angle of view : 194° Vertical angle of view: 113° With AXIS F34/F44 in 720p: Horizontal angle of view : 112° Vertical angle of view: 66°
<b>Resolutions</b>	Max. 1920x1200/1080
<b>Wide dynamic range</b>	WDR - Forensic Capture With AXIS F41: 1080p, 25/30 fps (50/60 HZ) With AXIS F44: 720p, 12.5/15 fps (50/60 HZ)
<b>Minimum illumination</b>	Color: 0.3 lux
<b>Shutter time</b>	With AXIS F34/F44: HDTV 720p 25/30 fps: 1/28000 s to 2 s 1080p 12.5/15 fps: 1/22500 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
<b>Frame rate</b>	Max. 50/60 fps (50/60 Hz)

<b>General Casing</b>	IP66-, IP67- rated, Aluminum
<b>Operating conditions</b>	-30° C to 55° C (-22° F to 131° F) Humidity 10 - 100% RH (condensing)
<b>Storage conditions</b>	-40° C to 65° C (-40° F to 149° F)
<b>Approvals</b>	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, FCCPart 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, IEC 60068-2-60, IEC 60529 IP66/IP67, IEC 60721-3-5 5M3 (vibration, shock), IEC/EN/UL 60950-22, NEMA 250 Type 4X
<b>Dimensions</b>	62 mm (2 7/16 in) Ø 30mm (1 3/16 in)
<b>Weight</b>	3m / 10 ft. cable: 96g (0.21 lb) 12m / 39ft. cable: 346g (0.76 lb)
<b>Required hardware</b>	AXIS F34/F41/F44 Main Unit
<b>Included accessories</b>	Installation Guide AXIS F8201 Vari-angle Mounting Bracket
<b>Optional accessories</b>	AXIS F8203 Fixed Mount Bracket AXIS F8204 Mounting Band AXIS F8212 Trim Ring AXIS F8235 Fiseye Accessory
<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>



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



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## MAIN UNIT INFORMATIONS

### AXIS F44 Dual Audio Input Main Unit

<b>Video</b>		<b>Built-in installation aids</b>	Pixel counter
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	<b>Data streaming</b>	Event data
<b>Resolutions</b>	1920 x 1080 (1080p) <sup>a</sup> to 480 x 270 1280 x 720 To 480 x 270	<b>General</b>	
<b>Frame rate</b>	In 1080p with no WDR: 12.5/15 fps (50/60 Hz) In 720p with no WDR: 25/30 fps (50/60Hz) In 720p with WDR: 12.5/15 fps (50/60 Hz)	<b>Casing</b>	Aluminum
<b>Video streaming</b>	Multiple, individually configurable streams in H264 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 (50/60Hz) with 720p capture mode 12.5/15 fps (50/60Hz) with 1080p capture mode	<b>Sustainability</b>	PVC free
<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 - Forensic Capture <sup>a</sup> : Up to 120dB depending on scene.	<b>Memory</b>	1024 MB RAM, 256 MB Flash
<b>Audio</b>		<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3at/802.3at Type 1 Class 3 max 12.95 W 8-28 V DC, max 13.33 W
<b>Audio streaming</b>	Audio 1 : Two-way, full duplex and half duplex (mic / line input/line output) Audio 2 : Two-way, full duplex and half duplex (mic / line input/line output)	<b>Connectors</b>	RJ 45 for 10Base-T / 100 Base-TX PoE RJ 12 for sensor units 6-pin terminal block for four configurable inputs / outputs (12 V DC output), max. Load 50 mA 3.5 mm mic/line in, 3.5 mm line out 5-pin terminal block RS 232 2-pin terminal block for 8-28 V DC input
<b>Audio compression</b>	AAC-LC 8/16 kHz, 8-64 kbit/s G.7 11 PCM 8 kHz 64 kbit/s G.7 11 PCM 16 kHz 128 kbit/s G.7 26 AD PCM 8kHz 32 kbit/s or 24 kbit/s Configurable bit rate	<b>Storage</b>	Two SD/SDHC/SDXC slots, (card not included) SD card encryption Support for encryption to network - attached storage (NAS) For SD card and NAS recommendations, see <a href="http://www.axis.com">www.axis.com</a>
<b>Audio input/output</b>	External microphone or line input (2 microphone or line inputs with included AXIS Stereo-to-mono Adapter) Line output	<b>Operating conditions</b>	-30° C to 60° C (-22° F to 140° F) Humidity 10-85% RH (non-condensing)
<b>Network</b>		<b>Storage conditions</b>	-40° C to 65° C (-40° F to 149° F)
<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. Centralize Certificate Management	<b>Approvals</b>	EMC EN 55024, EN 55032 Class A, EN50121-4, EN 61000-6-1, EN 61000-6-2, IEC 62236-4, ECE R10 rev.05, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A RCM AS/NZS CISPR 32 Class A, KCC KN32 Class A, KN35 Safety IEC/EN/UL 60950-1 Environment EN 50581, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-30, IEC 60068-2-60, IEC 60068-2-78, IEC 60529 IP4X, IEC 60721-3-5 5M3 (vibration, shock)
<b>Supported protocols</b>	IPv4/v6, HTTP, 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, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	<b>Dimensions</b>	51 x 121 x 121 mm (2 1/16 x 4 12/16 x 4 12/16in)
<b>System interaction</b>		<b>Weight</b>	542 g (1.19 lb) 442 g (098 lb)
<b>Application Programming Interface</b>	Open API for softwarer integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform (ACAP); specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) eith One-Click Connection ONVIF Profile S and ONVIF Profile G, specification at <a href="http://www.onvif.org">www.onvif.org</a>	<b>Included accessories</b>	AXIS Stereo-to-Mono Adapter, Installation Guide, Windows decoder 1-user license, AVHS Authentication key
<b>Analytics</b>	Axis Video Motion Detection 4, active tampering alarm, audio detection detection Support for AXIA Camera Application Platform enabling installation of AXIS Cross Line Detection and third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>	<b>Optional accessories</b>	AXIS F8001 Surface Mount with Strain Relief AXIS F8002 DIN Rail Clip AXIS T8120 15 W Midspan 1-port AXIS T83 Microphones For more accessories, see <a href="http://www.axis.com">www.axis.com</a>
<b>Event triggers</b>	Analytics, External inputs Edge storage events	<b>Video management software</b>	AXIS Companion, AXIS Camera Station, Video management software from Axis Application Development Partners available on <a href="http://www.axis.com/support/downloads">www.axis.com/support/downloads</a>
<b>Event actions</b>	File upload: email, FTP, HTTP, HTTPS, network share Notification: email,HTTP, HTTPS and TCP Pre- and post - alarm video buffering Video and audio recording to edge storage: Play audio clip, External output activation WDR mode	<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese.
		<b>Warranty</b>	Axis 3-years 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 Open SSL Toolkit. ([www.openssl.org](http://www.openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com))*

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