

## AXIS P8535 Network Camera

Eye-level HDTV 1080p height strip camera for identification

AXIS P8535 Network Camera is a pinhole HDTV 1080p camera in an indoor height strip housing for eye-level video surveillance. For placement near exits of buildings, the camera is positioned to look straight at a person's face for more reliable identification, even when the person is wearing a hood or baseball cap. The feature-rich camera supports Wide Dynamic Range – Forensic Capture, which enables details in bright and dark areas of a scene to be visible. AXIS P8535 is ideal for retail, hotel and banking environments where height strips are often used to enable eyewitnesses to gauge the height of a fleeing person.

- > [Eye-level camera for identification](#)
- > [HDTV 1080p with 92° horizontal field of view](#)
- > [WDR – Forensic Capture](#)
- > [Flexible viewing direction](#)



## AXIS P8535 Network Camera

<b>Models</b>	AXIS P8535: HDTV 1080p with AXIS F41 Main Unit and AXIS F1025 Sensor Unit in black/silver housing with metric/imperial height strip	<b>Event triggers</b>	Analytics, external inputs, edge storage events
<b>Camera</b>		<b>Event actions</b>	File upload via FTP, HTTP, network share and email Notification: email, HTTP and TCP External output activation, pre- and post-alarm video buffering, video and audio recording to edge storage, play audio clip, WDR mode
<b>Image sensor</b>	1/2.8" (effective) progressive scan RGB CMOS	<b>Built-in installation aids</b>	Pixel counter
<b>Lens</b>	Pinhole, fixed iris, fixed focus, 3.7 mm, F2.5 Horizontal field of view: 92°	<b>Data streaming</b>	Event data
<b>Minimum illumination</b>	Color: 0.3 lux, F2.5	<b>General</b>	
<b>Shutter time</b>	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>Casing</b>	Aluminum
<b>Camera angle adjustment</b>	Pan ±15°	<b>Memory</b>	512 MB RAM, 256 MB Flash
<b>Cable length</b>	12 m (39 ft) cable on sensor unit for attachment to main unit	<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max 7.7 W 8–28 V DC, max 7.8 W
<b>Video</b>		<b>Connectors</b>	Female RJ45 for 10BASE-T/100BASE-TX PoE, RJ12 for sensor unit, 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 RS232, 2-pin terminal block for 8–28 V DC input
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	<b>Storage</b>	Support for SD/SDHC/SDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>
<b>Resolution</b>	1920x1200 (WUXGA) to 160x90	<b>Operating conditions</b>	Humidity 10–85% RH (non-condensing) Main unit: -30 °C to 60 °C (-22 °F to 140 °F) Height strip: -30 °C to 55 °C (-22 °F to 131 °F)
<b>Frame rate</b>	H.264/Motion JPEG: In HDTV 1080p (no WDR), 50/60 fps (50/60 Hz); In WUXGA (no WDR) and in HDTV 1080p with WDR, 25/30 fps (50/60 Hz)	<b>Approvals</b>	EMC EN 55024, EN 55022 Class B, EN 61000-6-1, EN 61000-6-2, EN 61000-3-2, EN 61000-3-3, 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 Safety IEC/EN/UL 60950-1 Environment IEC 60068-2-6, IEC 60068-2-27, EN 50581 Main unit only: ECE R10 rev.04, EN 50121-4, IEC 62236-4
<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	<b>Weight</b>	Main unit: 532 g (1.17 lb) Height strip: 1050 g (2.3 lb)
<b>Image settings</b>	Wide Dynamic Range – forensic capture, compression, color, brightness, sharpness, contrast, white balance, exposure value, exposure control, exposure zones, local contrast, rotation, text and image overlay, privacy mask, mirroring of images	<b>Included accessories</b>	Installation Guide, Windows decoder 1-user license, AVHS Authentication key
<b>Audio</b>		<b>Optional accessories</b>	AXIS F8001 Surface Mount with Strain Relief, AXIS F8002 DIN Rail Clip, AXIS T8120 15 W Midspan, AXIS T83 Microphones
<b>Audio streaming</b>	Two-way	<b>Video management software</b>	AXIS Companion (included), AXIS Camera Station and video management software from Axis' Application Development Partners (not included)
<b>Audio compression</b>	AAC-LC 8/16/32 kHz, 8–128 kbit/s; G.711 PCM 8 kHz 64 kbit/s; G.726 ADPCM 8 kHz 32 kbit/s or 24 kbit/s; Configurable bit rate	<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>
<b>Audio input/output</b>	External microphone input or line input, Line output		
<b>Network</b>			
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log, Centralized certificate management		
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>™</sup> , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH		
<b>System integration</b>			
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile G, specification at <a href="http://www.onvif.org">www.onvif.org</a>		
<b>Analytics</b>	Video motion detection, Active tampering alarm, Audio detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>		
			a. <i>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<a href="http://www.openssl.org/">http://www.openssl.org/</a>), and cryptographic software written by Eric Young (<a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a>).</i>
		<b>Environmental responsibility:</b>	<a href="http://www.axis.com/environmental-responsibility">www.axis.com/environmental-responsibility</a>