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

Models	AXIS P8535: HDTV 1080p with AXIS F41 Main Unit and AXIS F1025 Sensor Unit in black/silver housing with metric/imperial height strip

Camera

Image sensor	1/2.8" (effective) progressive scan RGB CMOS
Lens	Pinhole, fixed iris, fixed focus, 3.7 mm, F2.5 Horizontal field of view: 92°
Minimum illumination	Color: 0.3 lux, F2.5
Shutter time	HDTV 1080p 25/30/50/60 fps: 1/143000 s to 2 s WUXGA (1920x1200) 25/30 fps: 1/143000 s to 2 s
Camera angle adjustment	Pan ±15°
Cable length	12 m (39 ft) cable on sensor unit for attachment to main unit

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolutions	1920x1200 (WUXGA) to 160x90
Frame rate	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)
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264
Image settings	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

Audio

Audio streaming	Two-way
Audio compression	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
Audio input/output	External microphone input or line input, Line output

Network

Security	Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X[a] network access control, Digest authentication, User access log, Centralized certificate management
Supported protocols	IPv4/v6, HTTP, HTTPS[a], SSL/TLS[a], 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 and ONVIF® Profile G, specification at www.onvif.org
Analytics	Video motion detection, Active tampering alarm, Audio detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap

Event triggers	Analytics, external inputs, edge storage events
Event actions	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
Built-in installation aids	Pixel counter
Data streaming	Event data

General

Casing	Aluminum
Memory	512 MB RAM, 256 MB Flash
Power	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
Connectors	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
Storage	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 www.axis.com
Operating conditions	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)
Approvals	**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
Weight	Main unit: 532 g (1.17 lb) Height strip: 1050 g (2.3 lb)
Included accessories	Installation Guide, Windows decoder 1-user license, AVHS Authentication key
Optional accessories	AXIS F8001 Surface Mount with Strain Relief, AXIS F8002 DIN Rail Clip, AXIS T8120 15 W Midspan, AXIS T83 Microphones
Video management software	AXIS Companion (included), AXIS Camera Station and video management software from Axis' Application Development Partners (not included)
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

a. *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 (eay@cryptsoft.com).*

Environmental responsibility:

www.axis.com/environmental-responsibility

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