AXIS P85 Network Camera Series
Discreet, eye-level cameras for identification

> Eye-level cameras for identification

> HDTV 720p

> Choice of colors and form factors

> Easy to install and flexible viewing direction

> Power over Ethernet

AXIS P85 Network Camera Series offers eye-level, pinhole cameras installed in a pipe or height strip housing for discreet, indoor video surveillance—ideal for retail, hotel and banking environments. For placement near exits of buildings, AXIS P85 cameras are positioned to look straight at a person's face for more reliable identification even when the person is wearing a hood or baseball cap.

AXIS P85 Series comprises AXIS P8514 and AXIS P8524 Network Cameras. AXIS P8514 comes in three, floor-to-ceiling pipe versions: black, chrome and white with a metric or imperial height indicator to enable eyewitnesses to gauge the height of a person. The camera inside the pipe is placed at a height of 160 cm (5.2 ft) with a 57° horizontal field of view.

AXIS P8524 involves a rectangular form factor in black or silver with a height indicator in metric or imperial measurement. The sensor unit (lens and image sensor) is mounted at a height of 170 cm in the metric model and 5.5 ft in the imperial version. AXIS P8524 offers a 57° horizontal field of view. The sensor unit is then connected via an 8-m (26-ft) cable to a main unit, which can be placed out of public view

AXIS P85 cameras are ideal for capturing subjects at close range. They support HDTV 720p and multiple streams in H.264 and Motion JPEG. AXIS P8524, additionally, enables local storage of recordings and connection to external devices.

AXIS P85 cameras allow for easy installation. The viewing direction is adjustable and they support Power over Ethernet.

HDTV NETWORK VIDEO

ONVIF | S

Discreet installation

AXIS P8514 Network Camera

AXIS P8514 comes in three colors: white with pre-mounted height indicator, and black and chrome with a height indicator decal that can be used if desired. The camera, which is housed in a 2.8-m (9.3-ft) long pipe, blends perfectly into environments where there are similar types of pipes, such as water, electrical and heating system pipes. The discreet installation helps prevent the camera from being vandalized. The pipe form also allows for easy adjustment of the camera's viewing direction by simply rotating the pipe. AXIS P8514, which supports Power over Ethernet, comes with a 1.3-m (4.3-ft) pre-mounted Ethernet cable with a female connector.

From left to right: Area of coverage for the floor-to-ceiling AXIS P8514 camera (1), and installation examples with the camera position at 160 cm (5.2 ft) circled in red.

AXIS P8524 Network Camera

AXIS P8524 consists of two separate units: a sensor unit with an 8-m (26-ft) cable for mounting in the height strip housing, and a main unit that houses the connections for the sensor unit, network, power, input/output to external devices for enhanced alarm management, and microSD card slot for local storage of recordings. The height strip housing is designed to be installed at exits, while the main unit can be placed elsewhere. The sensor unit's viewing direction is adjustable. AXIS P8524 supports Power over Ethernet and DC power.

At left: AXIS P8524 in black/silver and imperial/metric versions. In the middle: sensor unit inside the housing with adjustable pan ±30° for setting the desired viewing direction. At right: drawing of an installation of AXIS P8524 at a doorway where the sensor unit is panned 30°, as indicated with the blue lines in (1) to provide the 57° horizontal field of view indicated in yellow (2).

Technical Specifications - AXIS P8514 Network Camera

Models	AXIS P8514: 1 MP/HDTV 720p in black/chrome/white with metric/imperial height strip decal

Camera

Image sensor	1/4" progressive scan RGB CMOS
Lens	Fixed iris, fixed focus, 3.7 mm: 57° view[a], F1.8
Minimum illumination	1 lux, F1.8
Shutter time	1/24500 s to 1/6 s
Camera angle adjustment	Rotation ±90° adjustment
Cable length	Pre-mounted 1.3 m (4.3 ft) Ethernet cable with female RJ45 connector

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Motion JPEG
Resolutions	1280x800[b] to 160x90
Frame rate	H.264: 30 fps in all resolutions Motion JPEG: 30 fps in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG, Controllable frame rate and bandwidth, VBR/CBR H.264
Image settings	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Exposure zones, Backlight compensation, Wide dynamic range - dynamic contrast, Fine tuning of behavior at low light, Mirroring of images Rotation: 0°, 90°, 180°, 270° Text and image overlay, Privacy mask
Pan/Tilt/Zoom	Digital PTZ, Preset positions, Guard tour

Network

Security	Password protection, IP address filtering, HTTPS[c] encryption, IEEE 802.1X[b] network access control, Digest authentication, User access log
Supported protocols	IPv4/v6, HTTP, HTTPS[b], SSL/TLS[b], QoS Layer 3 DiffServ, FTP, SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS

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 Camera Connection; ONVIF Profile S, specification at www.onvif.org
Intelligent video	Video motion detection, Active tampering alarm Support for AXIS Camera Application Platform enabling installation of additional applications

Event triggers	Intelligent video
Event actions	File upload: FTP, HTTP, network share and email Notification: email, HTTP and TCP Pre- and post-alarm video buffering
Data streaming	Event data
Built-in installation aids	Pixel counter

General

Casing	Epoxy painted steel tube available in white, black and chrome Colors: White RAL 9010, Black RAL 9005
Memory	128 MB RAM, 128 MB Flash
Power	Power over Ethernet IEEE 802.3af/802.3at Class 1, max. 3.2 W
Connectors	Female RJ45 10BASE-T/100BASE-TX PoE
Edge storage	Support for recording to dedicated network-attached storage (NAS)
Operating conditions	0 °C to 50 °C (32 °F to 122 °F)
Approvals	EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22, EN 60950-1, IEC 60821-3-3 Class 3K3 of (Temperature range 0° C to 50° C / 32 °F to 122 °F, humidity excluded), IEC 60068-2-6, IEC 60068-2-27
Weight	4.5 kg (9.9 lb)
Dimensions	2830 x 51 mm (111.4 x 2 in)
Included accessories	Clamps, Installation Guide, Height indicator decal included **AXIS P8514 white**: Height indicator decal pre-mounted
Optional accessories	AXIS P85 Wall Brackets, AXIS PoE Midspans
Video management software	AXIS Camera Companion (included), AXIS Camera Station and video management software from Axis' Application Development Partners (not included). For more information, see www.axis.com/products/video/software
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

a. *Horizontal angle of view*
b. *1440x900 (1.3 MP) scaled resolution available via VAPIX®*
c. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*
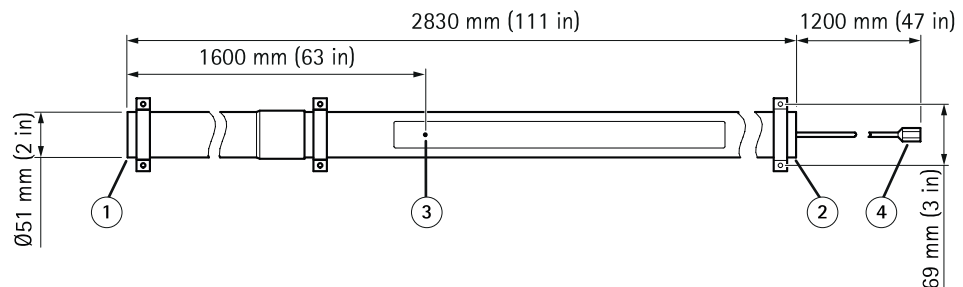
Dimension

1. *Bottom*
2. *Top*
3. *Pinhole camera positioned 160 cm (5.2 ft) from bottom*
4. *Ethernet cable*

Technical Specifications - AXIS P8524 Network Camera

Models	**AXIS P8524:** HDTV 720p in black/silver housing with metric/imperial height strip

Camera

Image sensor	1/4" progressive scan RGB CMOS
Lens	Fixed iris, fixed focus 3.7 mm: 57° view[a], F2.5
Light sensitivity	1.2–10000 lux
Shutter time	1/24500 s to 1/6 s
Camera angle adjustment	Pan ±30°
Cable length	8 m (26 ft) cable on sensor unit for attachment to main unit

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Motion JPEG
Resolutions	1280x720 to 320x180
Frame rate	H.264: Up to 25/30 fps (50/60 Hz) in all resolutions Motion JPEG: Up to 25/30 fps (50/60 Hz) in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264
Image settings	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Exposure zones, Backlight compensation, Fine tuning of behavior at low light, Rotation, Text and image overlay, Mirroring of images, Privacy mask, Axis' Corridor Format

Network

Security	Password protection, IP address filtering, HTTPS[b] encryption, IEEE 802.1X[b] network access control, Digest authentication, User access log
Supported protocols	IPv4/v6, HTTP, HTTPS[b], SSL/TLS[b], 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

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 Camera Connection. ONVIF Profile S; specification at www.onvif.org
Intelligent video	Video motion detection, Active tampering alarm, AXIS Camera Application Platform enabling installation of additional applications
Event triggers	Intelligent video, External inputs, Video loss
Event actions	File upload: FTP, HTTP, network share and email Notification: email, HTTP and TCP External output activation Video recording to edge storage Pre- and post-alarm video buffering
Built-in installation aids	Pixel counter
Data streaming	Event data

General

Casing	Main unit: polycarbonate Height strip: aluminum
Memory	256 MB RAM, 128 MB Flash
Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2 (max 6.49 W) 8–28 V DC max 4.7 W
Connectors	RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for the sensor unit Terminal blocks for power, 1 alarm input and 1 output
Edge storage	MicroSD/microSDHC/microSDXC slot supporting memory card up to 64 GB (card not included) Support for recording to dedicated network-attached storage (NAS)
Operating conditions	-20 °C to 50 °C (-4 °F to 122 °F) Humidity 10–85% RH (non-condensing)
Approvals	EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, 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, IEC/EN/UL 60950-1, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6 (Vibration) Class 4M4, IEC 60068-2-27 (shock) Class 4M3, 60068-2-78 Class 3K3
Weight	Main unit: 109 g (0.24 lb) Height strip: 930 g (2.05 lb)
Included accessories	Mounting kit, Installation Guide, Installation and Management Software CD, Windows decoder 1-user license, AVHS Authentication key
Optional accessories	AXIS PoE Midspans
Video management software	AXIS Camera Companion (included), AXIS Camera Station and video management software from Axis' Application Development Partners (not included). For more information, see *www.axis.com/products/video/software*
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see *www.axis.com/warranty*

a. *Horizontal angle of view*
b. *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).*

More information is available at **www.axis.com**

Dimension – Height strip

1. *Sensor unit is positioned at 170 cm (metric model) and 5.5 ft (imperial model) from the floor*

50 mm (2 in)
32 mm (1.3 in)
869 mm (34 in)
①

Dimension – Main unit

1. *MicroSD card slot*
2. *Camera connector*
3. *I/O*
4. *Network*
5. *Power*
6. *Mounting rail*

104 mm (4.1 in)
76 mm (3 in)
35 mm (1.4 in)
58 mm (2.3 in)
① ② ③
④ ⑤
⑥

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