AXIS P3905-RE Network Camera

High-performance outdoor-ready camera for onboard surveillance

AXIS P3905-RE is specially designed for HDTV 1080p video surveillance in or on buses, trains, subway cars and emergency vehicles. The compact and rugged, outdoor-ready camera meets IP6K9K, and can withstand tough conditions such as vibrations, shocks and temperature fluctuations. The active tampering alarm detects tampering attempts, such as blocking or spray-painting. AXIS P3905-RE is specially adapted to respond quickly to changes in light levels, ensuring that high image quality is maintained. Traffic Light mode helps distinguishing colors of traffic lights in very dark scenes. The pixel counter helps verifying that the pixel resolution of an object meets specific customer requirements.

> **Outdoor-ready**

> **Compact, rugged design**

> **HDTV video quality**

> **Traffic Light mode**

> **Edge storage**

AXIS P3905-RE Network Camera

Models	**AXIS P3905–RE:** RJ45 **AXIS P3905–RE:** M12

Camera

Image sensor	1/2.8" Progressive scan RGB CMOS
Lens	6 mm, F1.6 Horizontal field of view: 56° Vertical field of view: 33° M12 mount, fixed iris
Minimum illumination	Color: 0.2 lux
Shutter time	1/28000 s to 2 s with 50 Hz 1/33500 s to 2 s with 60 Hz
Camera angle adjustment	Pan: ±20° Tilt: 0–15° Rotation: ±175°

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolutions	1920x1080 to 160x90
Frame rate	Up to 30 fps in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264
Image settings	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Exposure zones, Wide Dynamic Range-dynamic contrast, Backlight compensation, Fine tuning of behavior at low light, Rotation: 0°, 90°, 180°, 270° including Corridor Format, Text and image overlay, Privacy mask, Mirroring of images, Traffic Light mode
Pan/Tilt/Zoom	Digital PTZ, Preset Positions, Guard Tour, Control Queue

Network

Security	Password protection, IP address filtering, HTTPS[a] encryption, 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, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/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® Profiles S and G, specifications at www.onvif.org
Analytics	AXIS Video Motion Detection 3, Active tampering alarm, Audio detection Support for AXIS Camera Application Platform enabling installation of AXIS Cross Line Detection, AXIS Digital Autotracking and third-party applications, see www.axis.com/acap
Event triggers	Analytics, Time scheduled, Edge storage events
Event actions	Overlay text, video recording to edge storage, pre- and post-alarm video buffering, send SNMP trap PTZ: PTZ preset, start/stop guard tour File upload via FTP, SFTP, HTTP, HTTPS network share and email Notification via email, HTTP, HTTPS and TCP
Data streaming	Event data

Built–in installation aids	Pixel counter

General

Casing	Aluminum and polycarbonate casing
Sustainability	PVC free
Memory	256 MB RAM, 128 MB Flash
Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2, max. 4.1 W
Connectors	**RJ45:** Male RJ45 10BASE-T/100BASE-TX **M12:** Rugged, Female, D-coded M12 connector with rotatable coupling nut All connectors support Power over Ethernet
Storage	Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
Operating conditions	–30°C to 55°C (–22°F to 131°F) Humidity: 10% - 95% RH (non-condensing)
Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F)
Approvals	**EMC** EN 55022 Class B, EN 55024, EN 50581, 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 60529 IP67, NEMA 250 Type 4X, IEC/EN 62262 IK08, EN 50155 Class T3, EN 45545, EN 50498, EN 50121-4, IEC 62236-4, ECE R10 rev.04 (E approval) ISO 20653 IP6K9K, IEC/EN 62262 IK09, UN R10 rev.04 (E approval), IEC 60721-3-5 Class 5M3
Dimensions	Height: 56 mm (2 1/4 in) ø 150 mm (5 7/8 in)
Weight	540 g (1.19 lb)
Included accessories	Installation guide, Windows decoder 1-user license, Drill hole template, Top cover tool, Lens tool, Allen key Resistorx®
Optional accessories	**Lenses** 6 mm, F1.6: Horizontal field of view: 52° 8 mm, F1.6: Horizontal field of view: 40° AXIS T96B05 External Housing, AXIS T94D01S Mounting Bracket, AXIS T94D02S Mounting Bracket, Network Coupler IP66, Network Cable Coupler Indoor For more accessories, see www.axis.com
Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
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. (www.openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

Environmental responsibility:

www.axis.com/environmental–responsibility

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