

## 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

<b>Models</b>	AXIS P3905-RE: RJ45 AXIS P3905-RE: M12	PTZ: PTZ preset, start/stop guard tour Overlay text	
<b>Camera</b>			
<b>Image sensor</b>	1/2.8" Progressive scan RGB CMOS	<b>Data streaming</b> Event data	
<b>Lens</b>	6 mm, F1.6 Horizontal field of view: 56° Vertical field of view: 33° M12 mount, fixed iris See <b>Optional accessories</b> for exchangeable lenses	<b>Built-in installation aids</b> Pixel counter	
<b>Minimum illumination</b>	Color: 0.2 lux	<b>General</b>	
<b>Shutter time</b>	1/28000 s to 2 s with 50 Hz 1/33500 s to 2 s with 60 Hz 1/32500 s to 2 s	<b>Casing</b> Aluminum and polycarbonate casing	
<b>Camera angle adjustment</b>	Pan: ±20° Tilt: 0-15° Rotation: ±175°	<b>Sustainability</b> PVC free	
<b>Video</b>			
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	<b>Mounting</b> Inside and outside vehicles and rolling stock	
<b>Resolution</b>	1920x1080 to 160x90	<b>Memory</b> 256 MB RAM, 128 MB Flash	
<b>Wide dynamic range</b>	WDR - forensic capture	<b>Power</b> Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2, max. 4.1 W	
<b>Frame rate</b>	Up to 25/30 fps (50/60 Hz) in all resolutions	<b>Connectors</b> RJ45: male, 10BASE-T/100BASE-TX M12: female, rugged, D-coded with rotatable coupling nut All connectors support PoE	
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264	<b>Storage</b> Support for microSD/microSDHC/microSDXC 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>Image settings</b>	Compression, color, brightness, sharpness, contrast, white balance, exposure control, exposure zones, WDR - 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	<b>Operating conditions</b> -30 °C to 55 °C (-22 °F to 131 °F) Humidity: 10-100% RH (condensing)	
<b>Pan/Tilt/Zoom</b>	Digital PTZ, preset positions Guard tour, control queue	<b>Storage conditions</b> -40 °C to 65 °C (-40 °F to 149 °F)	
<b>Network</b>			
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, network access control, digest authentication, user access log, centralized certificate management	<b>Approvals</b> EMC EN 55022 Class B, EN 55024, 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, EN 50121-4, EN 50121-3-2, IEC 62236-4, ECE R10 rev.04 (E approval), EN 50498	
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	<b>Safety</b> IEC/EN/UL 60950-1, EN 45545 <b>Environment</b> IEC 60529 IP67, NEMA 250 Type 4X, EN 50155 Class T3ISO 20653 IP6K9K, IEC/EN 62262 IK09, IEC 60721-3-5 Class 5M3 (vibration and shock), IEC 60068-2-27, IEC 60068-2-64, EN 50581	
<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>Dimensions</b> Height: 56 mm (2 1/4 in), ø 150 mm (5 7/8 in)	
<b>Analytics</b>	Included AXIS Video Motion Detection, active tampering alarm <sup>b</sup> Supported AXIS Perimeter Defender 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>	<b>Weight</b> 540 g (1.19 lb)	
<b>Event triggers</b>	Analytics, time scheduled, edge storage events	<b>Included accessories</b> Installation guide, Windows decoder 1-user license, drill hole template, top cover tool, lens tool, Allen key Resistorx <sup>®</sup>	
<b>Event actions</b>	Record video: SD card and network share Upload images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email Pre- and post-alarm video or image buffering for recording or upload Notification: email, HTTP, HTTPS, TCP and SNMP trap	<b>Optional accessories</b> Lenses 6 mm, F1.6: horizontal field of view 52° 8 mm, F1.6: horizontal field of view 40° Other AXIS T96B05 Outdoor Housing, AXIS T94D01S Mount Bracket, AXIS T94D02S Mount Bracket, Network coupler IP66, Network cable coupler indoor For more accessories, see <a href="http://www.axis.com">www.axis.com</a>	
		<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>Languages</b> English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese	
		<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>	

- a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([www.openssl.org](http://www.openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).
- b. For detection of tampering attempts in static and non-crowded scenes.

#### Environmental responsibility:

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