

## AXIS P3904-R Mk II Network Camera

### Onboard HDTV 720p surveillance with Zipstream

AXIS P3904-R Mk II Network Camera is specially designed for video surveillance in vehicles and rolling stock. The compact, discreet, and rugged camera is IP66/IP67-rated, and can withstand tough conditions such as vibration, shock and temperature fluctuations. Optional accessories for outdoor installation and wider field of view available. The camera provides HDTV 720p with WDR and Lightfinder to ensure high image quality in mixed and low-light conditions. Traffic Light mode enables the camera to distinguish traffic light colors in dark scenes. AXIS P3904-R Mk II supports Zipstream, which significantly reduces bandwidth and storage requirements.

- > [Rugged design with EN 50155:2017 Class OT2/ST2 compliance](#)
- > [Compliance with strict standards in transportation industry](#)
- > [WDR - forensic capture and Lightfinder](#)
- > [Zipstream](#)
- > [Traffic Light mode](#)



# AXIS P3904-R Mk II Network Camera

<b>Models</b>	AXIS P3904-R Mk II RJ45 AXIS P3904-R Mk II M12	Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</a>
<b>Camera</b>		<b>General</b>
<b>Image sensor</b>	1/2.9" Progressive scan RGB CMOS	<b>Casing</b>
<b>Lens</b>	3.6 mm, F2.0 Horizontal field of view: 87° Vertical field of view: 47° M12 mount, fixed iris See <b>Optional accessories</b> for exchangeable lenses	<b>Sustainability</b>
<b>Light sensitivity</b>	HDTV 720p 25/30 fps with Lightfinder Color: 0.15 lux at 50 IRE F2.0 Color: 0.06 lux at 30 IRE F2.0 Color: 0.08 lux at 50 IRE F1.2 Color: 0.04 lux at 30 IRE F1.2	<b>Mounting</b>
<b>Shutter speed</b>	1/32500 s to 2 s	<b>Memory</b>
<b>Camera angle adjustment</b>	Pan: ±30° Tilt: 15-90° Rotation: ±175°	<b>Power</b>
<b>Video</b>		<b>Connectors</b>
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	<b>Storage</b>
<b>Resolution</b>	1280x720 to 160x90	<b>Operating conditions</b>
<b>Wide dynamic range</b>	WDR - forensic capture	<b>Storage conditions</b>
<b>Frame rate</b>	Up to 25/30 fps (50/60 Hz) in all resolutions	<b>Approvals</b>
<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>Dimensions</b>
<b>Image settings</b>	Compression, color, brightness, sharpness, contrast, white balance, exposure control, exposure zones, fine tuning of behavior at low light, rotation: 0°, 90°, 180°, 270° including Corridor Format, text and image overlay, 20 individual privacy mask, mirroring of images, Traffic Light mode	<b>Weight</b>
<b>Pan/Tilt/Zoom</b>	Digital PTZ, preset positions, guard tour, control queue	<b>Included accessories</b>
<b>Network</b>		<b>Optional accessories</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>Video management software</b>
<b>Supported protocols</b>	IPv4, IPv6 USGv6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>b</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	<b>Languages</b>
<b>System integration</b>		<b>Warranty</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://axis.com">axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF <sup>®</sup> Profile G and ONVIF <sup>®</sup> Profile S, specification at <a href="http://onvif.org">onvif.org</a>	<b>a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).</b>
<b>Event conditions</b>	Analytics, time scheduled, edge storage events	<b>b. For detection of tampering attempts in static and non-crowded scenes.</b>
<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 PTZ: PTZ preset, start/stop guard tour Overlay text	<b>c. For outdoor applications, use AXIS T96B05 Outdoor Housing.</b>
<b>Data streaming</b>	Event data	<b>d. ASTM E162 and the non-flaming parts of ASTM E662</b>
<b>Built-in installation aids</b>	Pixel counter	Environmental responsibility: <a href="http://axis.com/environmental-responsibility">axis.com/environmental-responsibility</a>
<b>Analytics</b>		
<b>Applications</b>	<b>Included</b> AXIS Video Motion Detection, AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, active tampering alarm <sup>b</sup> <b>Supported</b> AXIS Perimeter Defender	