

## **AXIS P3925-R Network Camera**

## Best-in-class dome for advanced onboard surveillance

Specifically designed for onboard surveillance, AXIS P3925-R complies with all relevant transportation industry regulations including EN50155, EN45545, and NFPA 130. Featuring Axis Lightfinder and Axis Forensic WDR, it delivers true colors and great detail in challenging light or near darkness. Enclosed in an IK10-, IP66-, IP67-rated metal casing, this robust, vandal-resistant camera offers extended capabilities for analytics. Furthermore, enhanced security features prevent unauthorized access and safeguard your system.

- > Vandal-resistant, metal casing
- > Complies with EN50155, EN45545, and NFPA 130
- > Lightfinder and Forensic WDR
- > Electronic image stabilization
- > Enhanced security features









AXIS	P3925-	R Netw	ork Came	era
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Models	s AXIS P3925-R RJ45 AXIS P3925-R M12		removed, network lost, new IP address, shock detected, storage failure, system ready, within operating temperature	
Camera			Edge storage: recording ongoing, storage disruption I/O: manual trigger, virtual input	
Image sensor	1/2.9" Progressive scan RGB CMOS		MQTT subscribe	
Lens	2.8 mm, F1.6 Horizontal field of view: 110° Vertical field of view: 62° M12 mount, fixed iris See Optional accessories for exchangeable lenses	Event actions	Scheduled and recurring: scheduled event Video: average bitrate degradation, day-night mode, live stream open, tampering Day-night mode Defoq	
Day and night	Automatically removable infrared-cut filter		Guard tours	
Minimum illumination	Color: 0.06 lux at 30 IRE F1.6 B/W: 0.01 lux at 30 IRE F1.6 Color: 0.12 lux at 50 IRE F1.6 B/W: 0.02 lux at 50 IRE F1.6		Upload images or video clips: FTP, HTTP, HTTPS, SFTP, email and network share Notification: HTTP, HTTPS, TCP and email Overlay text Preset positions Record video: SD card and network share SNMP trap messages WDR mode MQIT publish	
Shutter speed	1/33500 s to 2 s			
Camera angle adjustment	Pan: ±30° Tilt: 15-90° Rotation: ±175°			
System on chip	(SoC)	Data streaming	Event data	
Model	ARTPEC-7	Built-in installation aids	Pixel counter	
Memory	1 GB RAM, 512 MB Flash	Analytics		
Video		Applications	Included	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	Аррисаціонз	AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm <sup>c</sup> , blocked view detection <sup>d</sup> , shock detection Support for AXIS Camera Application Platform enabling	
Resolution	1280x960 to 160x120 1920x1080 to 160x90		installation of third-party applications, see axis.com/acap	
WDR	Forensic WDR	Cybersecurity		
Frame rate	Up to 25/30 fps (50/60 Hz) in all resolutions 45 fps in 720p Capture mode 2MP 1920x1080 (16:9) @25/30 fps Capture mode 1MP 1280x720 (16:9) @45 fps	Edge security	Software: Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption Hardware: Secure boot	
Video streaming	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG	Network security	IEEE 802.1X (EAP-TLS) <sup>b</sup> , HTTPS/HSTS <sup>b</sup> , TLS v1.2/v1.3 <sup>b</sup> , Network Time Security (NTS), X.509 Certificate PKI, IP address filtering	
	Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264 and H.265 Video streaming indicator Low latency mode		AXIS OS Hardening Guide Axis Vulnerability Management Policy Axis Security Development Model To download documents, go to axis.com/support/cybersecurity/resources	
Multi-view streaming	Up to 8 individually cropped out view areas		To read more about Axis cybersecurity support, go to axis.com/cybersecurity	
Image settings	Compression, brightness, sharpness, contrast, white balance, Forensic WDR, exposure control, exposure zones, fine tuning of behavior at low light, rotation: 0°, 90°, 180°, 270° including	General Casing	IP66/67-, NEMA 250 4X- and IK10-rated aluminum casing, polycarbonate clear dome	
	Corridor Format, dynamic overlay, 20 individual polygonal privacy mask, mirroring of images, defogging, electronic image	Sustainability	PVC free	
	stabilization <sup>a</sup>	Mounting	Inside vehicles and rolling stock	
	Scene profiles: forensic, vivid, traffic overview	Memory		
Pan/Tilt/Zoom	Digital PTZ, preset positions, guard tour, control queue	Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2	
Network	IP address filtering, HTTPSb encryption, IEEE 802.1x (EAP-TLS)b	C	Typical 4.2 W, max 6.4 W	
Security	network access control, user access log, centralized certificate management	Connectors	RJ45: male, 10BASE-T/100BASE-TX M12: female, rugged, D-coded with rotatable coupling nut All connectors support PoE	
Network protocols	IPv4, IPv6 USGv6, HTTP, HTTPSb, HTTP/2, TLSb, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP*, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, STP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)	Storage	Support for microSD/microSDHC/microSDXC card with UHS Speed Class U1 Support for SD card encryption (AES-XTS-Plain64 256bit) Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com	
System integration		Operating conditions	Normal: -40 °C to 55°C (-40 °F to 131°F) Maximum (intermittent): 70 °C (158 °F)	
Application Programming	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com	Conditions	Arctic Temperature Control: start-up at -40 °C (-40 °F) Humidity: 10-100% RH (condensing)	
Interface	AXIS Video Hosting System (AVHS) with One-Click Connection One-click cloud connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S and	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)	
Event conditions	ONVIF® Profile T, specification at <i>onvif.org</i> Device status: above operating temperature, above or below operating temperature, IP address	Approvals	EMC EN 55032 Class A, EN 55035, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), VCCI Class A, RCM AS/NZS CISPR 32 Class A,	

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	KCC KN32 Class A, KN35, EN 50121-4, EN 50121-3-2, IEC 62236-4, ECE R10 rev.06 (E approval), EN 50498  Safety IEC/EN/UL 62368-1, CAN/CSA C22.2 No. 62368-1, EN 45545, UN ECE R118, NFPA 130, IS 13252  Environment IEC/EN 60529 IP66, IEC/EN 60529 IP67, parts of NEMA 250 Type 4X (ingress of water and gasket test), IEC/EN 602262 IK10, IEC 60721-3-5 Class 5M3 (vibration and shock), EN 50155:2017 OT2/ST2, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-78  Network NIST SP500-267
Dimensions	Height: 49.4 mm (1.94 in), ø 110 mm (4.33 in)
Weight	RJ45: 400 g (0.88 lb) M12: 410 g (0.90 lb)
Included accessories	Installation guide, Windows® decoder 1-user license, drill hole template, lens tool, Resistorx® L-key
Optional accessories	Lenses Lens M12 2.1 mm F1.8 IR: horizontal field of view 145° Lens M12 3.6 mm F1.8 IR: horizontal field of view 87°

	Lens M12 6 mm, F1.9 IR: horizontal field of view 56° Lens M12 8 mm F1.8 IR: horizontal field of view 40° Other AXIS T94D01S Mount Bracket, AXIS T94D02S Curved Mount Bracket, Network coupler IP66, network cable coupler indoor For more accessories, see axis.com
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at axis.com/vms
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	5-year warranty, see axis.com/warranty

- a. Use this function only when camera is directed to capture scenes outside of the vehicle
  b. 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).
  c. For detection of tampering attempts in static and non-crowded scenes.
  d. For detection of tampering attempts in onboard environments.

Environmental responsibility:

axis.com/environmental-responsibility

