

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



For more information please contact:



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AXIS P3904-R Mk II Network Camera

Models	AXIS P3904-R Mk II RJ45 AXIS P3904-R Mk II M12
Camera	
Image sensor	1/2.9" Progressive scan RGB CMOS
Lens	3.6 mm, F2.0 Horizontal field of view: 87° Vertical field of view: 47° M12 mount, fixed iris See Optional accessories for exchangeable lenses
Light sensitivity	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
Shutter speed	1/32500 s to 2 s
Camera angle adjustment	Pan: ±30° Tilt: 15-90° Rotation: ±175°
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	1280x720 to 160x90
Wide dynamic range	WDR - forensic capture
Frame rate	Up to 25/30 fps (50/60 Hz) in all resolutions
Video streaming	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
Image settings	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
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, IPv6 USGv6, 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, SRTP, TCP, UDP, IGMPv1/v2/v3, 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 axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profile G and ONVIF [®] Profile S, specification at onvif.org
Event conditions	Analytics, time scheduled, edge storage events
Event actions	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
Data streaming	Event data
Built-in installation aids	Pixel counter
Analytics	
Applications	Included AXIS Video Motion Detection, active tampering alarm ^b Supported AXIS Perimeter Defender Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
General	
Casing	Aluminum and polycarbonate casing
Sustainability	PVC free
Mounting	Inside vehicles and rolling stock ^c
Memory	512 MB RAM, 256 MB Flash
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 Typical 2.9 W, max 3.6 W
Connectors	RJ45: male, 10BASE-T/100BASE-TX M12: female, rugged, D-coded with rotatable coupling nut All connectors support PoE
Storage	Support for microSD/microSDHC/microSDXC card and encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Operating conditions	Normal: -40 °C to 60 °C (-40 °F to 140 °F) Maximum (intermittent): 70 °C (158 °F) Arctic Temperature Control: start-up at -40 °C (-40 °F) Humidity: 10-100% RH
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	EMC EN 55032 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KCC KN32 Class A, KN35, EN 50121-4, EN 50121-3-2, IEC 62236-4, ECE R10 rev.05 (E approval), EN 50498, EAC Safety IEC/EN/UL 62368-1, EN 45545, UN ECE R118, parts of NFPA 130 ^d , IS 13252 Environment IEC/EN 61373 Category 1 Class B, IEC/EN 60529 IP66/67, NEMA 250 Type 4X, IEC/EN 62262 IK08, IEC 60721-3-5 Class 5M3 (vibration and shock), EN 50155:2017 Class OT2/ST2 (EN 50155:2007 Class TX), IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-27, IEC 60068-2-64, IEC 60068-2-78 Network NIST SP500-267
Dimensions	Height: 49 mm (1 15/16 in), ø 109 mm (4 3/16 in)
Weight	RJ45: 241 g (0.53 lb) M12: 248 g (0.55 lb)
Included accessories	Installation guide, Windows [®] decoder 1-user license, drill hole template, top cover tool, lens tool, Allen key Resistorx [®]
Optional accessories	Lenses 2.1 mm, F2.2: horizontal field of view 147° 2.8 mm, F1.2: horizontal field of view 110° 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 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
<p>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 (eyay@cryptsoft.com).</p> <p>b. For detection of tampering attempts in static and non-crowded scenes.</p> <p>c. For outdoor applications, use AXIS T96B05 Outdoor Housing.</p> <p>d. ASTM E162 and the non-flaming parts of ASTM E662</p>	
Environmental responsibility: axis.com/environmental-responsibility	

AXIS P3905-R Mk II Network Camera

Onboard HDTV 1080p surveillance with Zipstream

AXIS P3905-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 1080p 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 P3905-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



For more information please contact:



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AXIS P3905-R Mk II Network Camera

Models	AXIS P3905-R Mk II RJ45 AXIS P3905-R Mk II M12 AXIS P3905-R Mk II without lens (barebone) RJ45 AXIS P3905-R Mk II without lens (barebone) M12	Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Camera		
Image sensor	1/2.9" Progressive scan RGB CMOS	
Lens	3.6 mm, F2.0 Horizontal field of view: 87° Vertical field of view: 47° M12 mount, fixed iris See Optional accessories for exchangeable lenses	
Light sensitivity	HDTV 1080p 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	
Shutter speed	1/32500 s to 2 s	
Camera angle adjustment	Pan: ±30° Tilt: 15-90° Rotation: ±175°	
Video		
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	
Resolution	1920x1080 to 160x90	
Wide dynamic range	WDR - forensic capture	
Frame rate	Up to 25/30 fps (50/60 Hz) in all resolutions	
Video streaming	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	
Image settings	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	
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, IPv6 USGv6, 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, SRTP, TCP, UDP, IGMPv1/v2/v3, 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 axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF [®] Profile G and ONVIF [®] Profile S, specification at onvif.org	
Event conditions	Analytics, time scheduled, edge storage events	
Event actions	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	
Data streaming	Event data	
Built-in installation aids	Pixel counter	
Analytics		
Applications	Included AXIS Video Motion Detection, active tampering alarm ^b Supported AXIS Perimeter Defender	
General		
Casing	Aluminum and polycarbonate casing	
Sustainability	PVC free	
Mounting	Inside vehicles and rolling stock ^c	
Memory	512 MB RAM, 256 MB Flash	
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 Typical 2.9 W, max 3.6 W	
Connectors	RJ45: male, 10BASE-T/100BASE-TX M12: female, rugged, D-coded with rotatable coupling nut All connectors support PoE	
Storage	Support for microSD/microSDHC/microSDXC card and encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com	
Operating conditions	Normal: -40 °C to 60 °C (-40 °F to 140 °F) Maximum (intermittent): 70 °C (158 °F) Arctic Temperature Control: start-up at -40 °C (-40 °F) Humidity: 10-100% RH	
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)	
Approvals	EMC EN 55032 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KCC KN32 Class A, KN35, EN 50121-4, EN 50121-3-2, IEC 62236-4, ECE R10 rev.05 (E approval), EN 50498, EAC Safety IEC/EN/UL 62368-1, EN 45545, UN ECE R118, parts of NFPA 130 ^d , IS 13252 Environment IEC/EN 61373 Category 1 Class B, IEC/EN 60529 IP66/67, NEMA 250 Type 4X, IEC/EN 62262 IK08, IEC 60721-3-5 Class 5M3 (vibration and shock), EN 50155:2017 Class OT2/ST2 (EN 50155:2007 Class TX), IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-27, IEC 60068-2-64, IEC 60068-2-78 Network NIST SP500-267	
Dimensions	Height: 49 mm (1 15/16 in), ø 109 mm (4 3/16 in)	
Weight	RJ45: 241 g (0.53 lb) M12: 248 g (0.55 lb)	
Included accessories	Installation guide, Windows [®] decoder 1-user license, drill hole template, top cover tool, lens tool, Allen key Resistorx [®]	
Optional accessories	Lenses 2.1 mm, F2.2: horizontal field of view 147° 2.8 mm, F1.2: horizontal field of view 110° 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 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	

- This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).
- For detection of tampering attempts in static and non-crowded scenes.
- For outdoor applications, use AXIS T96B05 Outdoor Housing.
- ASTM E162 and the non-flaming parts of ASTM E662

Environmental responsibility:

axis.com/environmental-responsibility

AXIS P3935-LR Network Camera

Best-in-class dome with IR for advanced onboard surveillance

Specifically designed for onboard surveillance, AXIS P3935-LR 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. It includes built-in invisible IR LEDs (940 nm) for video surveillance in complete darkness. Enclosed in an IK10-, IP66-, IP67-rated metal casing, this robust, vandal-resistant camera features a built-in microphone for audio surveillance and detection. 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**
- > **Invisible IR LEDs, built-in microphone, and EIS**
- > **Enhanced security features**



AXIS P3935-LR Network Camera

Models	AXIS P3935-LR RJ45 AXIS P3935-LR M12
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Camera	
Image sensor	1/2.9" Progressive scan RGB CMOS
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
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.06 lux at 30 IRE F1.6 B/W: 0.01 lux at 30 IRE F1.6, 0 lux with IR illumination on Color: 0.12 lux at 50 IRE F1.6 B/W: 0.02 lux at 50 IRE F1.6, 0 lux with IR illumination on
Shutter speed	1/33500 s to 2 s
Camera angle adjustment	Pan: ±30° Tilt: 15-90° Rotation: ±175°

System on chip (SoC)	
Model	ARTPEC-7
Memory	1 GB RAM, 512 MB Flash
Video	
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
Resolution	1280x960 to 160x120 1920x1080 to 160x90
Wide dynamic range	Forensic WDR
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
Video streaming	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG 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
Multi-view streaming	Up to 8 individually cropped out view areas
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 Corridor Format, dynamic overlay, 20 individual polygonal privacy mask, mirroring of images, defogging, electronic image stabilization ^a Scene profiles: forensic, vivid, traffic overview
Pan/Tilt/Zoom	Digital PTZ, preset positions, guard tour, control queue

Audio	
Audio streaming	Audio in, simplex
Audio encoding	AAC- LC 8/16/32/44.1/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz, LPCM 48 kHz Configurable bit rate
Audio input/output	External microphone input or line input, built-in microphone

Network	
Security	Password protection, IP address filtering, HTTPS ^b encryption, IEEE 802.1x (EAP-TLS) ^b network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware, secure boot, firmware with Long Term Support (LTS) firmware ^c
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS ^b , HTTP/2, TLS ^b , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP [®] , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)

System integration

Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection One-click cloud connection ONVIF [®] Profile G, ONVIF [®] Profile M, ONVIF [®] Profile S and ONVIF [®] Profile T, specification at onvif.org
Event conditions	Device status: above operating temperature, above or below operating temperature, below operating temperature, IP address removed, network lost, new IP address, shock detected, storage failure, system ready, within operating temperature Edge storage: recording ongoing, storage disruption I/O: manual trigger, virtual input MQTT subscribe Scheduled and recurring: scheduled event Video: average bitrate degradation, day-night mode, live stream open, tampering
Event actions	Day-night mode Defog Guard tours 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 MQTT publish
Data streaming	Event data
Built-in installation aids	Pixel counter
Analytics	
Applications	Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm ^d , blocked view detection ^e , shock detection, audio detection Supported Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
General	
Casing	IP66/67-, NEMA 250 4X- and IK10-rated aluminum casing, polycarbonate clear dome
Sustainability	PVC free
Mounting	Inside vehicles and rolling stock
Memory	
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 IR illumination on: typical 6.6 W, max 11.8 W
Connectors	RJ45: male, 10BASE-T/100BASE-TX M12: female, rugged, D-coded with rotatable coupling nut All connectors support PoE 3.5 mm audio in connector, mono I/O 4-pin, 1 input, 1 output + 12 V DC/15 mA
IR illumination	Optimized IR with power-efficient, long-life 940 nm IR LEDs Range of reach 15 m (49 ft) or more depending on the scene
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
Operating conditions	Normal, IR off: -40 °C to 55 °C (-40 °F to 131 °F) Normal, IR on: -40 °C to 45 °C (-22 °F to 113 °F) Maximum (intermittent): 70 °C (158 °F) Arctic Temperature Control: start-up at -40 °C (-40 °F) Humidity: 10-100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
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,

KCC KN32 Class A, KN35, EN 50121-4, EN 50121-3-2, IEC 62236-4, ECE R10 rev.05 (E approval), EN 50498
Safety
 IEC/EN/UL 62368-1, CAN/CSA C22.2 No. 62368-1, EN 45545, UN ECE R118, NFPA 130, IEC 62471, IS 13252
Environment
 IEC/EN 61373 Category 1 Class B, IEC/EN 60529 IP66, IEC/EN 60529 IP67, parts of NEMA 250 Type 4X (ingress of water and gasket test), IEC/EN 62262 IK10, IEC 60721-3-5 Class 5M3 (vibration and shock), EN 50155:2017 OT2/ST2, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-27, IEC 60068-2-64, 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 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

- Use this function only when camera is directed to capture scenes outside of the vehicle
- This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eyay@cryptsoft.com).
- In the LTS track for firmware upgrades, improvements are focused on cybersecurity and stability. New features are available in the firmware from the Active track
- For detection of tampering attempts in static and non-crowded scenes.
- For detection of tampering attempts in onboard environments.

Environmental responsibility:

axis.com/environmental-responsibility

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AXIS P3925-LRE Network Camera

Onboard camera for exterior monitoring

AXIS P3925-LRE specially designed for side view monitoring on buses, trains, and transportation vehicles. It can also be used for identifying maintenance needs on rolling stock, for example, wear and tear of pantograph collector strips. This robust and compact camera features a tempered glass window and complies with transport industry standards and IK10+, IP66, IP67, and IP6K9K. It delivers HDTV 1080p with Lightfinder for color images in poor light and Forensic WDR for maximal forensic usability in mixed light conditions. Plus, built-in IR Illumination enables monitoring in complete darkness. Furthermore, it supports exchangeable lenses for full flexibility.

- > [Complies with EN50155 and EN45545-2](#)
- > [IR illumination and EIS](#)
- > [Lightfinder and Forensic WDR](#)
- > [Low latency mode](#)
- > [Built-in cybersecurity features](#)



AXIS P3925-LRE Network Camera

Models	AXIS P3925-LRE RJ45 AXIS P3925-LRE M12	Event conditions	Device status: above operating temperature, above or below operating temperature, below operating temperature, IP address removed, network lost, new IP address, shock detected, storage failure, system ready, within operating temperature Edge storage: recording ongoing, storage disruption I/O: manual trigger, virtual input MQTT subscribe Scheduled and recurring: scheduled event Video: average bitrate degradation, day-night mode, live stream open, tampering
Camera		Event actions	Day-night mode Defog Guard tours 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 MQTT publish
Image sensor	1/2.9" Progressive scan RGB CMOS	Data streaming	Event data
Lens	6.0 mm, F1.9 Horizontal field of view: 56° Vertical field of view: 30° M12 mount, fixed iris See Optional accessories for exchangeable lenses	Built-in installation aids	Pixel counter
Minimum illumination	Color: 0.07 lux at 30 IRE F1.9 B/W: 0.02 lux at 30 IRE F1.9, 0 lux with IR illumination on Color: 0.14 lux at 50 IRE F1.9 B/W: 0.04 lux at 50 IRE F1.9, 0 lux with IR illumination on	Analytics	
Shutter speed	1/33500 s to 2 s	Applications	Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, shock detection Supported Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Camera angle adjustment	Pan: ±20° Tilt: 0-15° Rotation: ±175°	General	
System on chip (SoC)		Casing	IP66/67-, NEMA 250 4X-, IP6K9K- and IK10+-rated aluminum casing with AR-coated tempered glass
Model	ARTPEC-7	Sustainability	PVC free
Memory	1 GB RAM, 512 MB Flash	Mounting	Outside vehicles and rolling stock
Video		Memory	
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	Power	Camera: Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 IR illumination on: typical 6.3 W, max 11.8 W Heater: 24 V DC, max 53.4 W
Resolution	1280x960 to 160x120 1920x1080 to 160x90	Connectors	RJ45: male, 10BASE-T/100BASE-TX M12: female, rugged, D-coded with rotatable coupling nut All connectors support PoE
Wide dynamic range	Forensic WDR	IR illumination	Optimized IR with power-efficient, long-life 850 nm IR LEDs Range of reach 20 m (65.6 ft) or more depending on the scene
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	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
Video streaming	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG 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	Operating conditions	Normal: -40 °C to 55 °C (-40 °F to 131 °F) Maximum (intermittent): 70 °C (158 °F) Arctic Temperature Control: start-up at -40 °C (-40 °F) Humidity: 10-100% RH (condensing)
Multi-view streaming	Up to 8 individually cropped out view areas	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
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 Corridor Format, dynamic overlay, 20 individual polygonal privacy mask, mirroring of images, defogging, electronic image stabilization ^a Scene profiles: forensic, vivid, traffic overview	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, 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, IEC/EN/UL 60950-22, CAN/CSA-C22.2 No. 60950-22, EN 45545-2, UN ECE R118, IS 13252, IEC 62471 Environment IEC/EN 61373 Category 1 Class B, IEC/EN 60529 IP66, IEC/EN 60529 IP67, NEMA 250 Type 4X, ISO 20653 IP6K9K, IEC/EN 62262 IK10+,
Pan/Tilt/Zoom	Digital PTZ, preset positions, guard tour, control queue		
Network			
Security	Password protection, IP address filtering, HTTPS ^b encryption, IEEE 802.1x (EAP-TLS) ^b network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware, secure boot, firmware with Long Term Support (LTS) firmware ^c		
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS ^b , HTTP/2, TLS ^b , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP [®] , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)		
System integration			
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection One-click cloud connection ONVIF [®] Profile G, ONVIF [®] Profile M, ONVIF [®] Profile S and ONVIF [®] Profile T, specification at onvif.org		

	IEC 60721-3-5 Class 5M3 (vibration and shock), EN 50155:2017 OT2/ST2, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-27, IEC 60068-2-64 Network NIST SP500-267
Dimensions	160 x 116 x 63 mm (6.30 x 4.57 x 2.48 in)
Weight	RJ45: 770 g (1.70 lb) M12: 780 g (1.72 lb)
Included accessories	Installation guide, Windows® decoder 1-user license, drill hole template, lens tool, Resistorx® L-key, masking kit
Optional accessories	Lenses Lens M12 3.6 mm F1.8 IR: horizontal field of view 86°, vertical field of view 46° Lens M12 8 mm F1.8 IR: horizontal field of view 41°, vertical field of view 22° Other RJ45: 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

- Use this function only when camera is directed to capture scenes outside of the vehicle*
- 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).*
- In the LTS track for firmware upgrades, improvements are focused on cybersecurity and stability. New features are available in the firmware from the Active track*

Environmental responsibility:

axis.com/environmental-responsibility

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AXIS F4005-E Dome Sensor Unit

Recessed dome for surveillance indoors, outdoors, and in vehicles

AXIS F4005-E is an easy-to-install, vandal-resistant recessed dome sensor unit for discreet surveillance indoors, outdoors, and in vehicles. For use with an AXIS F Main Unit, AXIS F4005-E is ideal for retail, office, and banking environments, as well as inside buses and emergency vehicles. The rugged sensor unit withstands dust, rain, snow, vibration, shock and impact. AXIS F4005-E provides a 1080p resolution and a wide 110° horizontal field of view. It enables WDR – Forensic Capture, ideal for scenes with very bright and dark areas. AXIS F4005-E comes with a 12-m (39 ft.) pre-mounted cable for connection to a main unit. A rotation tool is supplied for leveling the image.

- > **Vandal-resistant, recessed dome for indoor, outdoor and in-vehicle use**
- > **Fixed lens with 1080p resolution**
- > **Wide 110° horizontal field of view**
- > **Wide Dynamic Range – Forensic Capture (with AXIS F41 /F44 Main Unit)**
- > **Supports Axis' Corridor Format**



AXIS F4005-E Dome Sensor Unit

Camera		Operating conditions
Image sensor	1/2.8" (effective) progressive scan RGB CMOS	-30 °C to 55 °C (-22 °F to 131 °F) Humidity 10-100% RH (condensing)
Lens	2.8 mm, F2.0 With AXIS F34/F41/F44, 1080p Horizontal angle of view: 110° Vertical angle of view: 61° With AXIS F34/F44, 720p Horizontal angle of view: 71° Vertical angle of view: 40°	Storage conditions -40 °C to 65 °C (-40 °F to 149 °F)
Resolution	Max. 1920x1200/1080	Approvals ECE R10 rev.04, EN 50121-4, IEC/EN/UL 60950-1, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-30, IEC 60068-2-60, IEC 60068-2-78, IEC 62236-4, EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, 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, EN 50581, IEC 60068-2-60, IEC 60529 IP66, IEC 60721-3-5 5M3 (vibration, shock), IEC 62262 IK09, IEC/EN/UL 60950-22
Wide dynamic range	WDR – Forensic Capture With AXIS F41: 1080p, 25/30 fps (50/60 Hz) With AXIS F44: 720p, 12.5/15 fps (50/60 Hz)	Dimensions Depth: 83 mm (3.27 in) ø 112 mm (4.41 in) 12-m (39 ft) cable
Minimum illumination	Color: 0.3 lux	Weight 590 g (1.3 lb)
Shutter time	With AXIS F41: HDTV 1080p 25/30/50/60 fps: 1/143000 s to 2 s WUXGA (1920x1200) 25/30 fps: 1/143000 s to 2 s With AXIS F34/F44: 1080p 12.5/15 fps: 1/22500 s to 2 s HDTV 720p 25/30 fps: 1/28000 s to 2 s	Required hardware AXIS F34/F41/F44 Main Unit
Frame rate	Max. 50/60 fps (50/60 Hz)	Included accessories Installation Guide, Rotation tool
Camera angle adjustment	Tilt: 120°, Rotation: 90°	Warranty 5-year warranty, see axis.com/warranty
General		
Casing	IK09- and IP66-rated plastic casing	

Environmental responsibility:

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AXIS F41 Main Unit

Rugged design with WDR and HDTV 1080p

The rugged AXIS F41 Main Unit connects to one AXIS F Sensor Unit and is ideal for use in highly discreet surveillance applications, such as in stores, ATMs, banks, emergency vehicles and buses. AXIS F41 supports HDTV 1080p at 50/60 frames per second. It provides Wide Dynamic Range (WDR) – Forensic Capture, which enables a high level of detail to be visible in very bright and dark areas of a scene. Support for Axis Zipstream video compression technology lowers bandwidth and storage use. AXIS F41 supports two-way audio, input/output ports, Power over Ethernet, 8–28 V DC and one SD card slot.

- > [HDTV 1080p at 50/60 frames per second](#)
- > [WDR – Forensic Capture \(with a sensor unit that supports this feature\)](#)
- > [Rugged, easy-to-install design](#)
- > [Axis Zipstream](#)



AXIS F41 Main Unit

Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	1920x1200/1080 (WUXGA/1080p) ^a to 480x270 1280x720 to 480x270
Wide dynamic range	WDR – forensic capture
Frame rate	In 1080p with no WDR: 50/60 fps (50/60 Hz) In WUXGA with no WDR, and in 1080p with WDR: 25/30 fps (50/60 Hz)
Video streaming	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
Image settings	Compression, color, brightness, sharpness, contrast, white balance, exposure value, exposure control, exposure zones, local contrast, rotation, Corridor Format, text and image overlay, privacy mask, mirroring of images, Wide Dynamic Range – Forensic Capture ^a : Up to 120 dB depending on scene
Audio	
Audio streaming	Two-way
Audio encoding	AAC-LC 8/16/32 kHz, 8–128 kbit/s G.711 PCM 8 kHz 64 kbit/s G.726 ADPCM 8 kHz 32 kbit/s or 24 kbit/s Configurable bit rate
Audio input/output	External microphone input or line input, line output
Network	
Security	Password protection, IP address filtering, HTTPS ^b encryption, IEEE 802.1X ^b network access control, digest authentication, user access log, centralized certificate management
Supported protocols	IPv4, IPv6, USGv6, HTTP, HTTP/2, HTTPS ^b , SSL/TLS ^b , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, LLDP, MQTT, Syslog
System integration	
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection One-click cloud connection ONVIF [®] Profile G and ONVIF [®] Profile S, specification at onvif.org
Event triggers	Analytics, external inputs Edge storage events
Event actions	File upload: email, FTP, HTTP, HTTPS, network share Notification: email, HTTP, HTTPS and TCP Pre- and post-alarm video buffering Video and audio recording to edge storage, play audio clip, external output activation WDR mode
Built-in installation aids	Pixel counter
Data streaming	Event data
Analytics	
Applications	Included AXIS Video Motion Detection Active tampering alarm, audio detection Supported AXIS Cross Line Detection AXIS Digital Autotracking

Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap

General	
Casing	Aluminum
Sustainability	PVC-free
Memory	512 MB RAM, 256 MB Flash
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 max 7.7 W 8–28 V DC, max 7.8 W
Connectors	RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for sensor units 6-pin terminal block for four configurable inputs/outputs (12 V DC output), max load 50 mA 3.5 mm mic/line in, 3.5 mm line out 5-pin terminal block RS232 2-pin terminal block for 8–28 V DC input
Storage	One SD/SDHC/SDXC slot supporting memory card (card not included) Support for SD card encryption Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Operating conditions	–30 °C to 60 °C (–22 °F to 140 °F) Humidity 10–85% RH (non-condensing)
Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Approvals	EMC EN 55022 Class B, EN 55024, EN 50121–4, 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 61000–6–1, EN 61000–6–2, EN 61000–3–2, EN 61000–3–3, IEC 62236–4 Safety IEC/EN/UL 60950–1 Environment ECE R10 rev.04, EN 50581, IEC 60068–2–1, IEC 60068–2–2, IEC 60068–2–14, IEC 60068–2–30, IEC 60068–2–60, IEC 60068–2–78, IEC 60529 IP4X, IEC 60721–3–5 SM3 (vibration, shock) Network NIST SP500–267
Dimensions	51 x 121 x 121 mm (2 1/16 x 4 12/16 x 4 12/16 in)
Weight	532 g (1.17 lb)
Included accessories	Installation Guide, Windows [®] decoder 1-user license, AVHS Authentication key
Optional accessories	AXIS F8001 Surface Mount with Strain Relief AXIS F8002 DIN Rail Clip AXIS T8120 15 W Midspan 1-port AXIS T83 Microphones 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. Valid for sensor units that support it
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 (ey@cryptsoft.com).

Environmental responsibility:

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AXIS F44 Dual Audio Input Main Unit

Feature-rich multi-view surveillance with WDR

The rugged AXIS F44 main unit connects up to four AXIS F Sensor Units and is ideal for the surveillance of four closely situated areas, such as in stores, schools, banks and buses. AXIS F44 enables streaming of 1080p or HDTV 720p videos from four sensor units simultaneously through one Ethernet port. It also supports quad view streaming. The main unit provides Wide Dynamic Range (WDR) – Forensic Capture, ideal for scenes with very bright and dark areas. Support for Zipstream technology lowers bandwidth and storage use. Other supported features include audio, input/output ports, Power over Ethernet, 8–28 V DC and two SD card slots.

- > Streams videos from four sensor units simultaneously
- > WDR – Forensic Capture (with sensor units that support this feature)
- > Rugged, easy-to-install design
- > Axis Zipstream
- > Dual audio input with included accessory



AXIS F44 Dual Audio Input Main Unit

Video		Active tampering alarm, audio detection Supported AXIS Cross Line Detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	
Resolution	1920x1080 (1080p) ^a to 480x270 1280x720 to 480x270	
Wide dynamic range	WDR – forensic capture	
Frame rate	In 1080p with no WDR: up to 12.5/15 fps (50/60 Hz) In 720p with no WDR: up to 25/30 fps (50/60 Hz) In 720p with WDR: up to 12.5/15 fps (50/60 Hz)	
Video streaming		General
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 Quad view, max 1080p resolution 25/30 fps (50/60 Hz) with 720p capture mode 12.5/15 fps (50/60 Hz) with 1080p capture mode		
Image settings		
Compression, color, brightness, sharpness, contrast, white balance, exposure value, exposure control, exposure zones, local contrast, rotation, Corridor Format, text and image overlay, privacy mask, mirroring of images, Wide Dynamic Range – Forensic Capture ^a : Up to 120 dB depending on scene		
Audio		
Audio streaming		Casing
Two-way, full-duplex and half-duplex		Aluminum
Audio encoding		Sustainability
AAC-LC 8/16 kHz, 8-64 kbit/s G.711 PCM 8 kHz 64 kbit/s G.711 PCM 16 kHz 128 kbit/s G.726 ADPCM 8 kHz 32 kbit/s or 24 kbit/s Configurable bit rate		PVC-free
Audio input/output		Memory
External microphone or line input (2 microphone or line inputs with included AXIS Stereo-to-mono Adapter) Line output		1024 MB RAM, 256 MB Flash
Network		Power
Security		Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 max 12.95 W 8-28 V DC, max 13.33 W
Password protection, IP address filtering, HTTPS ^b encryption, IEEE 802.1X ^b network access control, digest authentication, user access log, centralized certificate management		Connectors
Supported protocols		RJ45 for 10BASE-T/100BASE-TX PoE RJ12 for sensor units 6-pin terminal block for four configurable inputs/outputs (12 V DC output), max load 50 mA 3.5 mm mic/line in, 3.5 mm line out 5-pin terminal block RS232 2-pin terminal block for 8-28 V DC input
IPv4, IPv6 USGv6, HTTP, HTTP/2, HTTPS ^b , SSL/TLS ^b , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, LLDP, MQTT, Syslog		Storage
System integration		Two SD/SDHC/SDXC slots, (card not included) Support for SD card encryption Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Application Programming Interface		Operating conditions
Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection One-click cloud connection ONVIF [®] Profile G and ONVIF [®] Profile S, specification at onvif.org		-30 °C to 60 °C (-22 °F to 140 °F) Humidity 10-85% RH (non-condensing)
Event triggers		Storage conditions
Analytics, external inputs Edge storage events		-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5-95% RH (non-condensing)
Event actions		Approvals
File upload: email, FTP, HTTP, HTTPS, network share Notification: email, HTTP, HTTPS and TCP Pre- and post-alarm video buffering Video and audio recording to edge storage, play audio clip, external output activation WDR mode		EMC EN 55024, EN 55032 Class A, EN 50121-4, EN 61000-6-1, EN 61000-6-2, IEC 62236-4, ECE R10 rev.05, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KCC KN32 Class A, KN35 Safety IEC/EN/UL 60950-1 Environment EN 50581, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-30, IEC 60068-2-60, IEC 60068-2-78, IEC 60529 IP4X, IEC 60721-3-5 5M3 (vibration, shock) Network NIST SP500-267
Built-in installation aids		Dimensions
Pixel counter		51 x 121 x 121 mm (2 1/16 x 4 12/16 x 4 12/16 in)
Data streaming		Weight
Event data		542 g (1.19 lb)
Analytics		Included accessories
Applications		AXIS Stereo-to-Mono Adapter, Installation Guide, Windows [®] decoder 1-user license, AVHS Authentication key
Included AXIS Video Motion Detection		Optional accessories
		AXIS F8001 Surface Mount with Strain Relief AXIS F8002 DIN Rail Clip AXIS T8120 15 W Midspan 1-port AXIS T83 Microphones 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. Valid for sensor units that support it
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 (ey@cryptsoft.com).

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AXIS F1035-E Sensor Unit

Fisheye lens for wide area surveillance indoors or outdoors

AXIS F1035-E is ideal for highly discreet, wide area coverage in indoor, outdoor and in-vehicle surveillance applications, such as in buses and trams. For use with an AXIS F Main Unit, AXIS F1035-E provides a 1080p resolution and a fisheye lens with a 194° horizontal field of view. The unit also supports Wide Dynamic Range (WDR) – Forensic Capture, ideal for scenes with very bright and dark areas. The rugged AXIS F1035-E withstands dust, rain, snow, vibration, shock and impact. It comes with a 3- or 12-m (10/39 ft.) pre-mounted cable for connection to a main unit. A vari-angle mounting bracket is included.

- > **Flexible, rugged design for indoor, outdoor and mobile use**
- > **Fisheye lens with 1080p resolution**
- > **Ultra-wide 194° horizontal field of view**
- > **WDR – Forensic Capture (with AXIS F41/F44 Main Unit)**



AXIS F1035-E Sensor Unit

Models	AXIS F1035-E 3 m / 10 ft. cable: Fisheye, IP66/IP67-rated AXIS F1035-E 12 m / 39 ft. cable: Fisheye, IP66/IP67-rated	General	
Camera		Casing	IP66-, IP67-rated, Aluminum
Image sensor	1/2.8" (effective) progressive scan RGB CMOS	Operating conditions	-30 °C to 55 °C (-22 °F to 131 °F) Humidity 10-100% RH (condensing)
Lens	Fixed iris 1.3 mm, F2.8 With AXIS F34/F41/F44 in 1080p: Horizontal angle of view: 194° Vertical angle of view: 113° With AXIS F34/F44 in 720p: Horizontal angle of view: 112° Vertical angle of view: 66°	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Resolution	Max. 1920x1200/1080	Approvals	ECE R10 rev.04, EN 50121-4, IEC/EN/UL 60950-1, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-30, IEC 60068-2-78, IEC 60529 IP4X, IEC 62236-4, EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, 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, EN 50581 IEC 60068-2-60, IEC 60529 IP66/IP67, IEC 60721-3-5 5M3 (vibration, shock), IEC/EN/UL 60950-22, NEMA 250 Type 4X
Wide dynamic range	WDR – Forensic Capture With AXIS F41: 1080p, 25/30 fps (50/60 Hz) With AXIS F44: 720p, 12.5/15 fps (50/60 Hz)	Dimensions	62 mm (2 7/16 in) ø 30 mm (1 3/16 in)
Minimum illumination	Color: 0.3 lux	Weight	3 m / 10 ft. cable: 96 g (0.21 lb) 12 m / 39 ft. cable: 346 g (0.76 lb)
Shutter time	With AXIS F34/F44: HDTV 720p 25/30 fps: 1/28000 s to 2 s 1080p 12.5/15 fps: 1/22500 s to 2 s With AXIS F41: HDTV 1080p 25/30/50/60 fps: 1/143000 s to 2 s WUXGA (1920x1200) 25/30 fps: 1/143000 s to 2 s	Required hardware	AXIS F34/F41/F44 Main Unit
Frame rate	Max. 50/60 fps (50/60 Hz)	Included accessories	Installation Guide AXIS F8201 Vari-angle Mounting Bracket
		Optional accessories	AXIS F8203 Fixed Mount Bracket AXIS F8204 Mounting Band AXIS F8212 Trim Ring AXIS F8235 Fisheye Accessory
		Warranty	5-year warranty, see axis.com/warranty

Environmental responsibility:

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AXIS F1005-E Sensor Unit

Rugged design for indoor, outdoor and mobile surveillance

AXIS F1005-E is a versatile sensor unit for discreet indoor, outdoor and mobile surveillance. It can be installed in tight places and flush-mounted in a wall or ceiling. For use with an AXIS F Main Unit, AXIS F1005-E provides a 1080p resolution and a wide 113° horizontal field of view. It also supports Wide Dynamic Range (WDR) – Forensic Capture, ideal for scenes with very bright and dark areas. The rugged sensor unit withstands dust, rain, snow, vibration, shock and impact. AXIS F1005-E comes with 3- or 12-m (10/39 ft.) pre-mounted cable for connection to a main unit. A vari-angle mounting bracket is included.

- > **Flexible, rugged design for indoor, outdoor and mobile use**
- > **Fixed lens with 1080p resolution**
- > **Wide 113° horizontal field of view**
- > **WDR - Forensic Capture (with AXIS F41 /F44 Main Unit)**



AXIS F1005-E Sensor Unit

Models	AXIS F1005-E 3 m / 10 ft. cable: Standard, IP66/IP67-rated AXIS F1005-E 12 m / 39 ft. cable: Standard, IP66/IP67-rated	General	
Camera		Casing	IP66-, IP67-rated, Aluminum
Image sensor	1/2.8" (effective) progressive scan RGB CMOS	Operating conditions	-30 °C to 55 °C (-22 °F to 131 °F) Humidity 10-100% RH (condensing)
Lens	Fixed iris 2.8 mm, F2.0 With AXIS F34/F41/F44 in 1080p: Horizontal angle of view: 113° Vertical angle of view: 62° With AXIS F34/F44 in 720p: Horizontal angle of view: 73° Vertical angle of view: 41°	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Resolution	Max. 1920x1200/1080	Approvals	ECE R10 rev.04, EN 50121-4, IEC/EN/UL 60950-1, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-30, IEC 60068-2-78, IEC 60529 IP4X, IEC 62236-4, EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, 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, EN 50581 IEC 60068-2-60, IEC 60529 IP66/IP67, IEC 60721-3-5 5M3 (vibration, shock), IEC/EN/UL 60950-22, NEMA 250 Type 4X
Wide dynamic range	WDR – Forensic Capture With AXIS F41: 1080p, 25/30 fps (50/60 Hz) With AXIS F44: 720p, 12.5/15 fps (50/60 Hz)	Dimensions	62 mm (2 7/16 in) ø 30 mm (1 3/16 in)
Minimum illumination	Color: 0.3 lux	Weight	3 m / 10 ft. cable: 116 g (0.26 lb) 12 m / 39 ft. cable: 366 g (0.81 lb)
Shutter time	With AXIS F34/F44: HDTV 720p 25/30 fps: 1/28000 s to 2 s 1080p 12.5/15 fps: 1/22500 s to 2 s With AXIS F41: HDTV 1080p 25/30/50/60 fps: 1/143000 s to 2 s WUXGA (1920x1200) 25/30 fps: 1/143000 s to 2 s	Required hardware	AXIS F34/F41/F44 Main Unit
Frame rate	Max. 50/60 fps (50/60 Hz)	Included accessories	Installation Guide AXIS F8201 Vari-angle Mounting Bracket
		Optional accessories	AXIS F8203 Fixed Mount Bracket AXIS F8204 Mounting Band AXIS F8205 Bullet Accessory AXIS F8212 Trim Ring AXIS F8401 Clear Lens Protector
		Warranty	5-year warranty, see axis.com/warranty

Environmental responsibility:

axis.com/environmental-responsibility

For more information please contact:



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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 Network Camera

Models	AXIS P3925-R RJ45 AXIS P3925-R M12	removed, network lost, new IP address, shock detected, storage failure, system ready, within operating temperature Edge storage: recording ongoing, storage disruption I/O: manual trigger, virtual input MQTT subscribe Scheduled and recurring: scheduled event Video: average bitrate degradation, day-night mode, live stream open, tampering
Camera		
Image sensor	1/2.9" Progressive scan RGB CMOS	
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	
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	
Shutter speed	1/33500 s to 2 s	
Camera angle adjustment	Pan: ±30° Tilt: 15-90° Rotation: ±175°	
System on chip (SoC)		
Model	ARTPEC-7	
Memory	1 GB RAM, 512 MB Flash	
Video		
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	
Resolution	1280x960 to 160x120 1920x1080 to 160x90	
Wide dynamic range	Forensic WDR	
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	
Video streaming	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG 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	
Multi-view streaming	Up to 8 individually cropped out view areas	
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 Corridor Format, dynamic overlay, 20 individual polygonal privacy mask, mirroring of images, defogging, electronic image stabilization ^a Scene profiles: forensic, vivid, traffic overview	
Pan/Tilt/Zoom	Digital PTZ, preset positions, guard tour, control queue	
Network		
Security	Password protection, IP address filtering, HTTPS ^b encryption, IEEE 802.1x (EAP-TLS) ^b network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware, secure boot, firmware with Long Term Support (LTS) firmware ^c	
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS ^b , HTTP/2, TLS ^b , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP ^d , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)	
System integration		
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection One-click cloud connection ONVIF [®] Profile G, ONVIF [®] Profile M, ONVIF [®] Profile S and ONVIF [®] Profile T, specification at onvif.org	
Event conditions	Device status: above operating temperature, above or below operating temperature, below operating temperature, IP address	
Event actions	Day-night mode Defog Guard tours 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 MQTT publish	
Data streaming	Event data	
Built-in installation aids	Pixel counter	
Analytics		
Applications	Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm ^d , blocked view detection ^e , shock detection Supported Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap	
General		
Casing	IP66/67-, NEMA 250 4X- and IK10-rated aluminum casing, polycarbonate clear dome	
Sustainability	PVC free	
Mounting	Inside vehicles and rolling stock	
Memory		
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 Typical 4.2 W, max 6.4 W	
Connectors	RJ45: male, 10BASE-T/100BASE-TX M12: female, rugged, D-coded with rotatable coupling nut All connectors support PoE	
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	
Operating conditions	Normal: -40 °C to 55 °C (-40 °F to 131 °F) Maximum (intermittent): 70 °C (158 °F) Arctic Temperature Control: start-up at -40 °C (-40 °F) Humidity: 10-100% RH (condensing)	
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)	
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, KCC KN32 Class A, KN35, EN 50121-4, EN 50121-3-2, IEC 62236-4, ECE R10 rev.05 (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 61373 Category 1 Class B, IEC/EN 60529 IP66, IEC/EN 60529 IP67, parts of NEMA 250 Type 4X (ingress of water and gasket test), IEC/EN 62262 IK10, IEC 60721-3-5 Class 5M3 (vibration and shock), EN 50155:2017 OT2/ST2, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-27, IEC 60068-2-64, 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. *In the LTS track for firmware upgrades, improvements are focused on cybersecurity and stability. New features are available in the firmware from the Active track*
- d. *For detection of tampering attempts in static and non-crowded scenes.*
- e. *For detection of tampering attempts in onboard environments.*

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