

## AXIS Q1645 Network Camera

High-speed video with 1/2" sensor and i-CS lens

With AXIS Q1645 Network Camera it's easier than ever to capture details even in challenging lighting or low light. The 1/2" sensor and i-CS lens ensure sharp images in high resolution at full frame rate, and with Forensic WDR and Lightfinder, AXIS Q1645 provides superior light sensitivity and excellent image usability. AXIS Q1645 enables proactive surveillance with preinstalled AXIS Motion Guard and AXIS Fence Guard, and orientation aid with compass rose and street names for quick orientation with multiple monitors. Zipstream optimizes the video stream to maintain high video quality while saving bandwidth and storage.

- > HDTV 1080p/2 MP resolution at up to 100/120 fps
- > 1/2" sensor
- > Forensic WDR and Lightfinder
- > Electronic image stabilization (EIS)
- > AXIS Motion Guard and AXIS Fence Guard







## AXIS Q1645 Network Camera

zones, compression, orientation: auto, 0°, 90°, 180°, 270° including corridor format, mirroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, orientation aid, fine tuning of behavior at low light Scene profiles: forensic, vivid, traffic overview, backlit entranceAuctioAudio streamingTwo-way, full duplexAudio encoding input/outputAAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rateAudio input/outputExternal balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversionNetwork protocolsIPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnPTM, SNMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SFTP, SFTP, STP, STP, STP, CP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).System integration Programming InterfaceOpen API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Pro				
Lens     Varifocal, IR corrected, CS-mount 33–100 mm, F1.5 2 MP (16:9): Horizontal field of view: 109"-42" Vertical field of view: 58"-23" i-CS lens       Day and night     Automatically removable infrared-cut filter       Minimum Illumination     1080p 25/30 fps with WOR and Lightfinder: Color: 0.05 Lux, at 50 IRE F1.5, B/W: 0.04 Lux, at 50 IRE F1.5 1080p 50/66 fps with WOR and Lightfinder: Color: 0.01 Lux, at 50 IRE F1.5, B/W: 0.04 Lux, at 50 IRE F1.5 1080p 50/66 fps with WOR and Lightfinder: Color: 0.02 Lux, at 50 IRE F1.5, B/W: 0.04 Lux, at 50 IRE F1.5 1080p 100/120 fps: Color: 0.02 Lux, at 50 IRE F1.5, B/W: 0.04 Lux, at 50 IRE F0.9       Shutter speed     1/143000 to 1 s       Pan/TilfZoom     Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)       System on chip Video     K264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile Motion JPEG       Resolution     1920x1080 to 320x180       Frame rate     HDTV 1080p (1920x1080) with WDR: Up to 50/60 fps with power line frequency 50/60 Hz HDTV 1080p (1920x1080) without WDR: Up to 10/120 fps with power line frequency 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/ARR/MR H.264       Audio streaming     Saturation, contrast, brightness, sharpness, Forensic WDR - 120 dB, white balance, day/fight threshold, exposure mode, exposure zones, compression, orizontation: auto, or 90°, 180°, 270° including corridor format, mirroring of images, dynamic text over/ay, image over/ay, prinxery mask, defogingin, noise red	-	1/2" progressive scop RGB CMOS		
3.9-10.0 mm, F1.5     2 MP (16:9):     Horizontal field of view: 109"-42"     Vertical field of view: 58"-23"     i-CS lens     Day and night   Automatically removable infrared-cut filter     Minimum   1080p 25/30 fps with WDR and Lightfinder:     Color: 0.05 lux, at 50 IRE F1.5, B/W: 0.02 lux, at 50 IRE F1.5     1080p 25/30 fps with WDR and Lightfinder:     Color: 0.2 lux, at 50 IRE F1.5, B/W: 0.04 lux, at 50 IRE F1.5     1080p 25/30 fps with WDR and Lightfinder:     Color: 0.2 lux, at 50 IRE F1.5, B/W: 0.04 lux, at 50 IRE F0.9     Shutter speed   1/143000 to 1 s     Par/Tiif/Zoom   Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)     System on chip   SOC     Model   ARTPEC-6     Memory   1 GB RAM, 512 MB Flash     Video   H264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile     compression   Motion JPEG     Prame rate   HDTV 1080p (1920x1080) with WDR:     Up to 100/120 fps with power line frequency 50/60 Hz     Video streaming   Multiple, individually configurable streams in H.264 and Motion JPEG     Audio ing rate and bandwidth   VBR/ABR/MBR H.264     Image settings   Saturation, contrast, brightness, sharpness, Forens				
Horizontal field of view: 58°-23° i-CS lens     Day and night   Automatically removable infared-cut filter     Minimum illumination   1080p 25/30 fps with WDR and Lightfinder: Color: 0.05 lux, at 50 IRE F1.5, B/W: 0.00 lux, at 50 IRE F1.5 1080p 50/60 fps with WDR and Lightfinder: Color: 0.1 lux, at 50 IRE F1.5, B/W: 0.02 lux, at 50 IRE F1.5 1080p 25/30 fps with WDR and Lightfinder: Color: 0.2 lux, at 50 IRE F1.5, B/W: 0.04 lux, at 50 IRE F1.5 1080p 25/30 fps with WDR and Lightfinder: Color: 0.2 lux, at 50 IRE F0.9, B/W: 0.004 lux, at 50 IRE F1.5 1080p 25/30 fps with WDR and Lightfinder: Color: 0.2 lux, at 50 IRE F0.9, B/W: 0.004 lux, at 50 IRE F0.9     Shutter speed   1/143000 to 1 s     Pan/Tiit/Zoom   Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)     System on chip Video   1/3264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile compression     Wotion JPEG   HDTV 1080p (1920x1080) with WDR: Up to 50/60 fps with power line frequency 50/60 Hz HDTV 1080p (1920x1080) with WDR: Up to 100/120 fps with power line frequency 50/60 Hz MUtiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264     Video streaming   Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264     Mudio encoding Acutio Acutio Acutio (contrast, tripithness, sharpness, Forensic WDR - 120 dB, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90°, 180°, 270° including corindor formast, mirroning image, dynamit text overlay,	Lens			
Vertical field of view: 58°-23°     i-CS lens     Day and night   Automatically removable infrared-cut filter     Minimum   1080p 25/30 fps with WDR and Lightfinder:     Color: 0.05 lux, at 50 IRE F1.5, B/W: 0.01 lux, at 50 IRE F1.5     1080p 25/30 fps with WDR and Lightfinder:     Color: 0.1 lux, at 50 IRE F1.5, B/W: 0.02 lux, at 50 IRE F1.5     1080p 25/30 fps with WDR and Lightfinder:     Color: 0.2 lux, at 50 IRE F1.5, B/W: 0.04 lux, at 50 IRE F1.5     1080p 25/30 fps with WDR and Lightfinder:     Color: 0.02 lux, at 50 IRE F0.9, B/W: 0.004 lux, at 50 IRE F0.9     Shutter speed   1/143000 to 1 s     Pan/Tilt/Zoom   Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)     System on chip   (SOC)     Model   ARTPEC-6     Memory   1 GB RAM, 512 MB Flash     Video   H264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile     Resolution   1920x1080 to 320x180     Frame rate   HDTV 1080p (1920x1080) with WDR:     Up to 50/60 fps with power line frequency 50/60 Hz     WIdeo streaming   Multiple, individually configurable streams in H.264 and Motion JPEG     Axis Zipstream technology in H.264   Controllable frame rate and bandwidth     VB/ABR/MBR H.264   Poing 2,				
Day and night     Automatically removable infrared-cut filter       Minimum illumination     1080p 25/30 fps with WDR and Lightfinder: Color: 0.05 lux, at 50 IRE F1.5, B/W: 0.01 lux, at 50 IRE F1.5 1080p 05/60 fps with WDR and Lightfinder: Color: 0.1 lux, at 50 IRE F1.5, B/W: 0.02 lux, at 50 IRE F1.5 1080p 05/30 fps with WDR and Lightfinder: Color: 0.2 lux, at 50 IRE F1.5, B/W: 0.04 lux, at 50 IRE F1.5 1080p 05/30 fps with WDR and Lightfinder: Color: 0.02 lux, at 50 IRE F1.5, B/W: 0.04 lux, at 50 IRE F0.9       Shutter speed     1/143000 to 1 s       Pan/Tilt/Zoom     Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)       System on chip System on chip Soci     Soci       Model     ARTPEC-6       Memory     1 GB RAM, 512 MB Flash       Video     Video       Video     1920x1080 to 320x180       Frame rate     HDTV 1080p (1920x1080) with WDR: Up to 50/60 fps with power line frequency 50/60 Hz HDT 1080p (1920x1080) without WDR: Up to 100/120 fps with power line frequency 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/ABR/MBR H.264       Madio streaming     Two-way, full duplex       Audio streaming     Two-way, full duplex       Audio streaming     Two-way, full duplex       Audio streaming     No-Cure J/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8				
Minimum illumination     1080p 25/30 fps with WDR and Lightfinder: Color: 0.05 lux, at 50 IRE F1.5, B/W: 0.01 lux, at 50 IRE F1.5 1080p 05/60 fps with WDR and Lightfinder: Color: 0.1 lux, at 50 IRE F1.5, B/W: 0.02 lux, at 50 IRE F1.5 1080p 02/30 fps with WDR and Lightfinder: Color: 0.02 lux, at 50 IRE F0.9, B/W: 0.004 lux, at 50 IRE F0.9       Shutter speed     1/143000 to 1 s       Pan/Tilt/Zoom     Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)       System on chip     (SoC)       Model     ARTPEC-6       Memory     1 GB RAM, 512 MB Flash       Video     H264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile compression       Motion JPEG     Resolution       Frame rate     HDTV 1080p (1920x1080) with WDR: Up to 50/60 fps with power line frequency 50/60 Hz HDTV 1080p (1920x1080) without WDR: Up to 100/120 fps with power line frequency 50/60 Hz HDTV 1080p (1920x1080) without WDR: Up to 100/120 fps with power line frequency 50/60 Hz       Video streaming     Multiple, individually configurable streams in H.264 and Motion JPEG       Ausis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264       Image settings     Saturation, contrast, brightness, sharpness, Forensic WDR - 120 dB, white balance, da/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90°, 180°, 270° including corridor format, mirroring of images, dynamic text overslay, umage overlay, drivag mask, defogging, noise reduction, orientation aid, fine turning of behavior at low light Sc		i-CS lens		
illumination   Color: 0.05 lux, at 50 IRE F1.5, B/W: 0.01 lux, at 50 IRE F1.5     1080p 50/60 fps with WDR and Lightfinder:   Color: 0.1 lux, at 50 IRE F1.5, B/W: 0.02 lux, at 50 IRE F1.5     1080p 100/120 fps:   Color: 0.02 lux, at 50 IRE F1.5, B/W: 0.04 lux, at 50 IRE F0.9     Shutter speed   1/143000 to 1 s     Pan/Tilt/Zoom   Digital PIZ, uploadable PIZ driver (Pelco D pre-installed)     System on chip   (SoC)     Model   ARTPEC-6     Memory   1 GB RAM, 512 MB Flash     Video   Video     Video   H264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile     compression   Motion JPEG     Resolution   1920x1080 to 320x180     Frame rate   HDTV 1080p (1920x1080) with WDR: Up to 50/60 fps with power line frequency 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/ABR/MBR H.264     Video streaming   Multiple, individually configurable streams, forensic WDR - 120 dB, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90°, 180°, 270° including corridor format, mirroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, electronic image stabilization, bactre & Jorild B, KHz, Opus 8/16/48 kHz	Day and night	Automatically removable infrared-cut filter		
DBOp 50/60 fps with WDR and Lightfinder:     Color: 0.1 lux, at 50 IRE F1.5, B/W: 0.02 lux, at 50 IRE F1.5     DBOp 25/30 fps with WDR and Lightfinder:     Color: 0.2 lux, at 50 IRE F1.5, B/W: 0.04 lux, at 50 IRE F1.5     DBOP 25/30 fps with WDR and Lightfinder:     Color: 0.2 lux, at 50 IRE F0.9, B/W: 0.004 lux, at 50 IRE F0.9     Shutter speed   1/143000 to 1 s     Pan/Tilt/Zoom   Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)     System on chip   SOC     Model   ARTPEC-6     Memory   1 GB RAM, 512 MB Flash     Video   H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile     compression   1920x1080 to 320x180     Frame rate   HDTV 1080p (1920x1080) with WDR:     Up to 50/60 fps with power line frequency 50/60 Hz     Video streaming   Multiple, individually configurable streams in H.264 and Motion JPEG     Avis Zipstream technology in H.264   Controllable frame rate and bandwidth VBR/ABR/MBR H.264     Image settings   Saturation, contrast, brightness, sharpness, Forensic WDR - 120     Audio streaming   Two-way, full duplex     Audio encoding   AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Ongrable kHz, Ops 3/16/48 kHz, Onfigurable streams in H.264 and Apolavist 10 wight Scene profiles: forensic, vivid, traffic overview, bac				
Color: 0.1 lux, at 50 IRE F1.5, B/W: 0.02 lux, at 50 IRE F1.5 1080p 100/120 fps: Color: 0.2 lux, at 50 IRE F1.5, B/W: 0.04 lux, at 50 IRE F0.5 1080p 25/30 fps with WDR and Lightfinder: Color: 0.02 lux, at 50 IRE F0.9, B/W: 0.004 lux, at 50 IRE F0.9Shutter speed1/143000 to 1 sPan/Tilt/ZoomDigital PTZ, uploadable PTZ driver (Pelco D pre-installed)System on chip(SoC)ModelARTPEC-6Memory1 GB RAM, 512 MB FlashVideo compressionH.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile Motion JPEGResolution1920x1080 to 320x180Frame rateHDTV 1080p (1920x1080) with WDR: Up to 50/60 fps with power line frequency 50/60 Hz HDTV 1080p (1920x1080) without WDR: Up to 50/60 fps with power line frequency 50/60 HzVideo streaming Akis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABM/MBR H.264Image settingsSaturation, contrast, brightness, sharpness, Forensic WDR - 120 dB, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90°, 180°, 270° including corridor format, miroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, electronic image stalization, barrel distortion correction, orientation aid, fine tuning of behavior at low light Scene profiles: forensic, vivid, traffic overview, backlit entranceAudio input/outputExternal balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit Ab/DA-conversionNetwork protocolsIPv4, IPv6 USGv6, ICMPv4/ICMPv6, MTP, HTTP/2, HTTP5, TLS, QO SNMPv1/v2c/3 (MIB-H1), DNS/DNSv6, DDNS, NP, NTS, RTSP, RTP, STPF	lilumination			
Color: 0.2 Lix, at 50 IRE F1.5, B/W: 0.04 Lix, at 50 IRE F1.5     1080p 25/30 fps with WDR and Lightfinder:     Color: 0.02 Lix, at 50 IRE F0.9, B/W: 0.004 Lix, at 50 IRE F0.9     Shutter speed   1/143000 to 1 s     Pan/Tilt/Zoom   Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)     System on chip (SoC)   Model     Memory   1 GB RAM, 512 MB Flash     Video   H264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile Motion JPEG     Resolution   1920x1080 to 320x180     Frame rate   HDTV 1080p (1920x1080) with WDR: Up to 50/60 fps with power line frequency 50/60 Hz     HDTV 1080p (1920x1080) without WDR: Up to 100/120 fps with power line frequency 50/60 Hz     Video streaming   Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264     Image settings   Saturation, contrast, brightness, sharpness, Forensic WDR - 120 dB, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90°, 180°, 270° including corridor format, mirroring of images, dynamic text overlay, Image overlay, privacy masks, defogging, noise reduction, electronic image stallization, bastellization, barrel distortino correction, electronic image stallization, barrel distortino correction, electronic image st		Color: 0.1 lux, at 50 IRE F1.5, B/W: 0.02 lux, at 50 IRE F1.5		
1080p 25/30 fps with WDR and Lightfinder: Color: 0.02 lux, at 50 IRE F0.9, B/W: 0.004 lux, at 50 IRE F0.9   Shutter speed 1/143000 to 1 s   Pan/Tilt/Zoom Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)   System on chup GSC>   Model ARTPEC-6   Memory 1 GB RAM, 512 MB Flash   Video H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile compression   Motion JPEG Pasolution   Frame rate HDTV 1080p (1920x1080) with WDR: Up to 50/60 fps with power line frequency 50/60 Hz HDTV 1080p (1920x1080) without WDR: Up to 100/120 fps with power line frequency 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/ABR/MBR H.264   Image settings Saturation, contrast, brightness, sharpness, Forensic WDR - 120 dB, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90°, 180°, 270° including corridor format, mirroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, electronic image stabilization, barrel distortion correction, orientation aid, fine tuning of behavior at low light Scene profiles: forensic, vivid, traffic overview, backlit entrance   Audio treaming Two-way, full duplex   Audio streaming External balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversion   Network Inv4, Iv40 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTP				
Shutter speed     1/143000 to 1 s       Pan/Tilt/Zoom     Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)       System on chip     (SoC)       Model     ARTPEC-6       Memory     1 GB RAM, 512 MB Flash       Video     H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile Motion JPEG       Resolution     1920x1080 to 320x180       Frame rate     HDTV 1080p (1920x1080) with WDR: Up to 50/60 fps with power line frequency 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 badwidth VBR/ABR/MBR H.264       Image settings     Saturation, contrast, daylinght threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90°, 180°, 270° including corridor format, mirroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, electronic image stabilization, barrel distortion correction, orientation aid, fine tuning of behavior at Low light Scene profiles: forensic, vivid, traffic overview, backlit entrance       Audio streaming     Two-way, full duplex       Audio encoding input/output     Hv4. IPv6 USCv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, OoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnPM, SNMPv1/v2c/v3 (MIB-HI), DNS/DNSv6, DDNS, NTP, NTS, RTS, RTP, STP, STPR, STP, PD, ICMP, DP, 16MPV1/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, IGMTP1/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LDP, CDP, IGMTP1/v3, ATCP, ICMP, DHCPv4/v6		1080p 25/30 fps with WDR and Lightfinder:		
Pan/Tilt/Zoom     Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)       System on chip     (SoC)       Model     ARTPEC-6       Memory     1 GB RAM, 512 MB Flash       Video     H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile compression       Motion JPEG     HDTV 1080p (1920x1080) with WDR: Up to 50/60 fps with power line frequency 50/60 Hz       Video streaming     HDTV 1080p (1920x1080) without VDR: Up to 100/120 fps with power line frequency 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/ARR/MBR H.264       Image settings     Saturation, contrast, brightness, sharpness, Forensic WDR - 120 dB, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0", 90", 180", 270" including corridor format, mirroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, orientation aid, fine tuning of behavior at low light Scene profiles: forensic, vivid, traffic overview, backlit entrance       Audio input/output     External balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversion       Network     IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS IAVC/30 (MIB-H), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTF, STFP, STFP, RTFP, STFP, CTP/S/SMB, SMTP, mDNS (Bonjour), UPnPIM, SNMPv1/v2/v3 (MIB-H), DNS/DNSv6, DDNS, NTP, NTS,				
System on chip (SoC)     Model   ARTPEC-6     Memory   1 GB RAM, 512 MB Flash     Video   H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile compression     Motion JPEG   Hert 10/AVC), Main, Baseline and High Profile Motion JPEG     Resolution   1920x1080 to 320x180     Frame rate   HDTV 1080p (1920x1080) with WDR: Up to 50/60 fps with power line frequency 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/ABR/MBR H.264     Image settings   Saturation, contrast, brightness, sharpness, Forensic WDR – 120     dB, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0*, 90°, 180°, 270° including corridor format, mirroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, electronic image stabilization, barrel distortion correction, orientation aid, fine tuning of behavior at low light Scene profiles: forensic, vivid, traffic overview, backlit entrance     Audio encoding   AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Configurable bit rate     Audio input/output   External balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversion     Network   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, OOS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, m		•		
Model     ARTPEC-6       Memory     1 GB RAM, 512 MB Flash       Video     H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile compression       Resolution     1920x1080 to 320x180       Frame rate     HDTV 1080p (1920x1080) with WDR: Up to 50/60 fps with power line frequency 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/ABR/MBR H.264       Image settings     Saturation, contrast, brightness, sharpness, Forensic WDR – 120 dB, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90°, 180°, 270° including corridor format, mirroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, electronic image stabilization, barrel distortion correction, orientation aid, fine tuning of behavior at low light Scene profiles: forensic, vivid, traffic overview, backlit entrance       Audio encoding     AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Configurable bit rate       Audio input/output     External balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversion       Network protocols     IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, OOS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnPIM, SNMPV-1/v2/v3, RTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnPIM, SNMPV-1/v2/v6, ARP, SSH, LLDP, CDP, MOIT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-	Pan/Tilt/Zoom	Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)		
Memory     1 GB RAM, 512 MB Flash       Video     H264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile Motion JPEG       Resolution     1920x1080 to 320x180       Frame rate     HDTV 1080p (1920x1080) with WDR: Up to 50/60 fps with power line frequency 50/60 Hz       Video streaming     Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264       Image settings     Saturation, contrast, brightness, sharpness, Forensic WDR - 120 dB, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90°, 180°, 270° including corridor format, mirroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, electronic image stabilization, barrel distortion correction, orientation aid, fine tuning of behavior at low light Scene profiles: forensic, vivid, traffic overview, backlit entrance       Audio input/output     External balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversion       Network protocols     IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).       System integration     Open API for software integration, including VAPIX® and AVIS Camera Application Platform; specifications at <i>axis.com</i> One-Click Cloud Connection       Audio mput/vicvia     Open API for software integration, including VAPIX® and AVIS Camera Application Platform; specifications at <i>axis.com</i> ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVI				
Video     Video compression   H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile Motion JPEG     Resolution   1920x1080 to 320x180     Frame rate   HDTV 1080p (1920x1080) with WDR: Up to 50/60 fps with power line frequency 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/ABR/MBR H.264     Image settings   Saturation, contrast, brightness, sharpness, Forensic WDR - 120 dB, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90°, 180°, 270° including corridor format, mirroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, electronic image stabilization, barrel distortion correction, orientation aid, fine tuning of behavior at low light Scene profiles: forensic, vivid, traffic overview, backlit entrance     Audio streaming   Two-way, full duplex     Audio encoding input/output   AC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz     Configurable bit rate   External balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversion     Network   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS alver 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjoul), UPnPTM, SNMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SFTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LUDP, CDP, MOT v3.1.1, Secure systog (RFC 3	Model			
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Frame rate   HDTV 1080p (1920x1080) with WDR: Up to 50/60 fps with power line frequency 50/60 Hz HDTV 1080p (1920x1080) without WDR: Up to 100/120 fps with power line frequency 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/ABR/MBR H.264     Image settings   Saturation, contrast, brightness, sharpness, Forensic WDR – 120 dB, white balance, day/hight threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90°, 180°, 270° including corridor format, mirroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, electronic image stabilization, barrel distortion correction, orientation aid, fine tuning of behavior at low light Scene profiles: forensic, vivid, traffic overview, backlit entrance     Audio input/output   Two-way, full duplex     Audio input/output   External balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversion     Network protocols   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTP5, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnPTM, SNMPr1/v2/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, STTP, S				
Up to 50/60 fps with power line frequency 50/60 HzHDTV 1080p (1920x1080) without WDR: Up to 100/120 fps with power line frequency 50/60 HzVideo streamingMultiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264Image settingsSaturation, contrast, brightness, sharpness, Forensic WDR - 120 dB, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90°, 180°, 270° including corridor format, mirroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, electronic image stabilization, barrel distortion correction, orientation aid, fine tuning of behavior at low light Scene profiles: forensic, vivid, traffic overview, backlit entranceAudio input/outputAAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rateAudio input/outputExternal balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversionNetwork protocolsIPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnTM, SNMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SFTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).System integrection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>axis.com</i> One-Click Cloud Connection ONV	Resolution	1920x1080 to 320x180		
HDTV 1080p (1920x1080) without WDR: Up to 100/120 fps with power line frequency 50/60 HzVideo streamingMultiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264Image settingsSaturation, contrast, brightness, sharpness, Forensic WDR – 120 dB, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90°, 180°, 270° including corridor format, mirroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, electronic image stabilization, barrel distortion correction, orientation aid, fine tuning of behavior at low light Scene profiles: forensic, vivid, traffic overview, backlit entranceAudio input/outputTwo-way, full duplexAudio input/outputExternal balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversionNetwork protocolsIPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnPIM, SNMPv1/v2/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SFTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LDP, CDP, MOTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/LS), Link-Local address (ZeroConf).System integraction Programming InterfaceOpen API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profil	Frame rate			
Up to 100/120 fps with power line frequency 50/60 HzVideo streamingMultiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264Image settingsSaturation, contrast, brightness, sharpness, Forensic WDR - 120 dB, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90', 180°, 270° including corridor format, mirroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, electronic image stabilization, barrel distortion correction, orientation aid, fine tuning of behavior at low light Scene profiles: forensic, vivid, traffic overview, backlit entranceAudio input/outputTwo-way, full duplexAudio encoding input/outputAAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rateAudio input/outputExternal balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversionNetwork protocolsIPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, OoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnPIM, SNMPv1/v2/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SFTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).System integration Programming InterfaceOpen API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, NOVIF® Profile M, ONVIF® Profile				
JPEG     Axis Zipstream technology in H.264     Controllable frame rate and bandwidth     VBR/ABR/MBR H.264     Image settings   Saturation, contrast, brightness, sharpness, Forensic WDR – 120     dB, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90°, 180°, 270°     including corridor format, mirroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, electronic image stabilization, barrel distortion correction, orientation aid, fine tuning of behavior at low light     Scene profiles: forensic, vivid, traffic overview, backlit entrance     Audio streaming   Two-way, full duplex     Audio encoding   AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz     Configurable bit rate   External balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversion     Network   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnPIM, SNMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, STTP, STTP, STTP, STTP, STTP, STTP, STTP, STTP, CIP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).     System integration   Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, an				
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Controllable frame rate and bandwidth VBR/ABR/MBR H.264Image settingsSaturation, contrast, brightness, sharpness, Forensic WDR - 120 dB, white balance, day/night threshold, exposure mode, exposure zones, compression, orientation: auto, 0°, 90°, 180°, 270° including corridor format, mirroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, electronic image stabilization, barrel distortion correction, orientation aid, fine tuning of behavior at low light Scene profiles: forensic, vivid, traffic overview, backlit entranceAudio Audio streamingTwo-way, full duplexAudio encoding input/outputAAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rateAudio input/outputExternal balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversionNetwork protocolsIPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnPTM, SNMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, STFP/RTSP, CTP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQIT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).System integraction Programming InterfaceOpen API for software integration, including VAPIX® and AXIS Camera Application Patform; specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>anvif.org</i> Video managementCompatible with XXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software				
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including corridor format, mirroring of images, dynamic text overlay, image overlay, privacy masks, defogging, noise reduction, electronic image stabilization, barrel distortion correction, orientation aid, fine tuning of behavior at low light Scene profiles: forensic, vivid, traffic overview, backlit entranceAudioTwo-way, full duplexAudio encodingAAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rateAudio input/outputExternal balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversionNetwork protocolsIPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QOS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnPTM, SMMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, STFP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQIT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).System integraction Programming InterfaceOpen API for software integration, including VAPIX® and AXIS Camera Application Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile T, specifications at <i>anvif.org</i> Video managementCompatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software				
electronic image stabilization, barrel distortion correction, orientation aid, fine tuning of behavior at low light Scene profiles: forensic, vivid, traffic overview, backlit entrance     Audio streaming   Two-way, full duplex     Audio encoding   AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz     Configurable bit rate   External balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversion     Network   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP <sup>TM</sup> , SNMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SFTP, SFTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MOIT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).     System integraction   Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>anvif.org</i> Video   Compatible with AXIS Camera Station Edge, AXIS Camera Station Fro, AXIS Camera Station For, AXIS Camera Station For, AXIS Camera Station For, and video management software				
orientation aid, fine tuning of behavior at low light Scene profiles: forensic, vivid, traffic overview, backlit entrance     Audio   Two-way, full duplex     Audio encoding   AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz     Configurable bit rate   External balanced/unbalanced microphone or line input, line output, builti-in microphone, automatic gain control 24 bit AD/DA-conversion     Network   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP <sup>TM</sup> , SNMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SFTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).     System integration Programming Interface   Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, SNVIF® Drofile M, ONVIF® Profile S, and ONVIF® Profile G, SNVIF® Drofile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Drofile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Drofile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Drofile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Drofile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Drofile M, ONVIF® Profile S, and ONVIF® Drofile G, ONVIF® Drofile M, ONVIF® Drofile S, and ONVIF® Drofile G, ONVIF® Drofile M, ONVIF® Drofile S, and ONVIF® Drofile G, ONVIF® Drofile M, ONVIF® Drofile S, and ONVIF® Drofile C, AXIS Camera Station Edge, AXIS Camera St				
Audio     Audio streaming   Two-way, full duplex     Audio encoding   AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz     Configurable bit rate   Configurable bit rate     Audio input/output   External balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversion     Network   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QOS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnPTM, SNMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, STFP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).     System integraction   Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>anvif.org</i> Video   Compatible with AXIS Camera Station Edge, AXIS Camera Station Fro, AXIS Camera Station 5, and video management software		orientation aid, fine tuning of behavior at low light		
Audio streaming   Two-way, full duplex     Audio encoding   AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz     Configurable bit rate   External balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversion     Network   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, OoS     Network   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, OoS     Network   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, OoS     Network   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, OoS     Stype   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, OOS     Stype   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, OOS     Ref   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, OOS     Ref   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, OOS     System integrection   Open API, STP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQIT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).     System integrection   Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>anvif.org</i> Video <th>• •</th> <th>Scene profiles: forensic, vivid, traffic overview, backlit entrance</th>	• •	Scene profiles: forensic, vivid, traffic overview, backlit entrance		
Audio encoding   AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz     Quis 8/16/48 kHz   Configurable bit rate     Audio input/output   External balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversion     Network   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QOS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnPTM, SMMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, STFP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).     System integraction   Open API for software integration, including VAPIX® and AXIS Camera Application Profile G, ONVIF® Profile G, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile S, and ONVIF® Profile G, SAUS Camera Station Edge, AXIS Camera Station Fro, AXIS Camera Station Edge, AXIS Camera Station		Two-way full dupley		
Opus 8/16/48 kHz Configurable bit rate     Audio input/output   External balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversion     Network   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnPTM, SMMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SFTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).     System integraction Programming Interface   Open API for software integration, including VAPIX® and AXIS Camera Application Patform; specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile N, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>anvif.org</i> Video management   Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software				
Audio input/output   External balanced/unbalanced microphone or line input, line output, built-in microphone, automatic gain control 24 bit AD/DA-conversion     Network   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP <sup>IM</sup> , SNMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SFTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQIT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).     System integraction   Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>anvif.org</i> Video management   Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software	Auto cheoung			
input/output     output, built-in microphone, automatic gain control 24 bit AD/DA-conversion       Network     IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnPTM, SNMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SFTP, STP7, STSP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).       System integraction Programming Interface     Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>anvif.org</i> Video management     Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software		Configurable bit rate		
24 bit AD/DA-conversion     Network     Network protocols   IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP <sup>TM</sup> , SNMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SFTP, SFTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQIT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).     System integraction   Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile N, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>anvif.org</i> Video management   Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software				
Network protocols     IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnPTM, SNMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SFTP, SRTP/RSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MOTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).       System integration Programming Interface     Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>anvif.org</i> Video management     Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software	mput/output			
protocols     Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnPTM, SNMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SFTP, SFTP, STP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MOTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).       System integration Programming Interface     Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>anvif.org</i> Video management     Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software	Network			
SNMPv1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SFTP, SFTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).     System integration programming Interface   Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>axis.cog</i> Video management   Compatible with AXIS Camera Station Edge, AXIS Camera Station Fro, AXIS Camera Station 5, and video management software				
RTP, SFTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf).       System integration Programming Interface     Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>onvif.org</i> Video management     Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software	protocols			
System integration     Application Programming Interface   Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at anvif.org     Video management   Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software		RTP. SFTP. SRTP/RTSPS. TCP. UDP. IGMPv1/v2/v3. RTCP. ICMP.		
System integration       Application Programming Interface     Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at onvif.org       Video management     Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software		DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (REC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)		
Application Programming Interface     Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>axis.com</i> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at <i>onvif.org</i> Video management     Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software	System integra			
Programming Interface     AXIS Camera Application Platform; specifications at axis.com One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at anvif.org       Video management     Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software				
ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specifications at onvif.org       Video management     Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software	Programming	AXIS Camera Application Platform; specifications at axis.com		
Video     Compatible with AXIS Camera Station Edge, AXIS Camera Station       management     Pro, AXIS Camera Station 5, and video management software	interface			
management Pro, AXIS Camera Station 5, and video management software				
	management systems	Pro, AXIS Camera Station 5, and video management software from Axis' partners available at <i>axis.com/vms</i> .		

Event conditions	Analytics, external input, edge storage events, virtual inputs through API Audio: audio detection Device status: above operating temperature, above or below operating temperature, below operating temperature, IP address removed, network lost, new IP address, storage failure, system ready, within operating temperature Edge storage: recording ongoing, storage disruption I/O: digital input, manual trigger, virtual input MOIT subscribe PTZ: PTZ malfunctioning, PTZ movement, PTZ preset position reached, PTZ ready Scheduled and recurring: scheduled event Video: average bitrate degradation, day-night mode, live stream open, tampering
Event actions	File upload: FTP, SFTP, HTTP, HTTPS, network share and email, send video clip Notification: email, HTTP, HTTPS and TCP Overlay text, Send SNMP Trap Video and audio recording to edge storage Pre- and post-alarm video buffering External output activation, day/night vision mode, play audio clip, status LED, WDR mode, defog mode, PTZ control
Data streaming	Event data
Built-in installation aids	i-CS: Remote zoom and focus Other lens: Remote back focus Traffic wizard, pixel counter, levelling assistant, autorotation
Analytics	
Applications	Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm, audio detection Supported AXIS Digital Autotracking Support for additional applications if the device is used with compatible accessories. For more information, contact your Axis partner. Support for AXIS Camera Application Platform enabling installation of third-party applications, see <i>axis.com/acap</i>
Approvals	
EMC	EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2 Australia/New Zealand: RCM AS/NZS CISPR 32 Class A Canada: ICES-003 Class A Japan: VCCI Class A Korea: KCC KN32 Class A, KN35 USA: FCC Part 15 Subpart B Class A
Safety	IEC/EN/UL 62368-1, IS 13252
Environment	IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78
Network	NIST SP500-267
Cybersecurity Edge security	<b>Software:</b> Signed OS, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 OpenID Authorization Code Flow for centralized ADFS account management, password protection
Network security	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), IEEE 802.1AE (MACsec PSK/EAP-TLS), HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, host-based firewall
Documentation	AXIS OS Hardening Guide Axis Vulnerability Management Policy Axis Security Development Model AXIS OS Software Bill of Material (SBOM) To download documents, go to axis.com/support/cybersecu- rity/resources To read more about Axis cybersecurity support, go to axis.com/cybersecurity
General	
Casing	Metal (zinc) Color lid: Silver - RAL 9006

	Color chassi: Black - NCS S 9000-N	Weight	950 g (2.1 lb)	
Sustainability	PVC free	Included	Stand, connector kit, resistorx® T20 tool, installation guide,	
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 4.5 W, max 9.1 W 8–28 V DC, typical 4.3 W, max 9.5 W	accessories Optional lenses	Windows® decoder 1-user license       es     Fujinon Varifocal Lens 8-80 mm, DC-iris Lens i-CS 9-50 mm F1.5 8 MP Lens CS 12-50 mm F1.4 P-Iris 8 MP Lens i-CS 1/1.8" 3.9-10 mm F1.5 Ricom 2MP Lens DC-iris 8-26 mm F0.9 Tamron Varifocal 5MP Lens 4-13 mm, DC-iris &t C-mount       AXIS T90B Illuminators, AXIS T92G Housings, AXIS T93F Housings, Axis network cable couplers, AXIS T8129 PoE Extender, AXIS T8415 Wireless Installation Tool, Axis midspans For more accessories, see axis.com       English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese	
Connectors	Shielded RJ45 10BASE-T/100BASE-TX POE I/O: 6-pin 2.5 mm terminal block for four configurable inputs/outputs (12 V DC output, max load 50 mA) RS485/RS422, 2 pcs, 2 pos, full duplex, terminal block			
	3.5 mm mic/line in, 3.5 mm line out i-CS connector (compatible with P-Iris and DC-iris)	Optional accessories		
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption (AES-XTS-Plain64 256bit)			
	Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see <i>axis.com</i>	Languages		
Operating conditions	-20 °C to 60 °C (-4 °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)	Warranty	5-year warranty, see axis.com/warranty	
Dimensions	82 x 66 x 210 mm (3.23 x 2.60 x 8.25 in)			

