

AXIS Q1635 Network Camera

For details of fast moving objects in difficult lights

AXIS Q1635 offers smooth and highly detailed video at 50/60 frames per second, identifying incidents in fast-paced environments. With its 1/2" sensor, it delivers the very best video quality even in the near infrared (IR). Wide Dynamic Range - Forensic Capture optimizes video, highlighting details and increasing forensic usability. Electronic image stabilization greatly improves video quality when the camera is subject to vibration, resulting in smoother and steadier video. Zipstream analyzes and optimizes the video stream in real time to save bandwidth and storage while maintaining image quality. AXIS Q1635 also offers Lightfinder, remote back focus and pixel counter.

- > **HDTV 1080p at 50/60 fps**
- > **1/2" sensor**
- > **Wide Dynamic Range - Forensic Capture and Lightfinder**
- > **Axis Zipstream technology**
- > **Electronic Image Stabilization and Shock detection**



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Camera		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
Image sensor	Progressive scan RGB CMOS 1/2"	Data streaming	Event data
Lens	Varifocal, IR corrected, CS-mount 4–13 mm, F1.5 (C-mount lens with C/CS-mount adapter) Horizontal angle of view: 102°–33° P-Iris	Built-in installation aids	Focus assistant, Pixel counter, Remote back focus Leveling assistant Camera orientation aid
Day and night	Automatically removable infrared-cut filter	General	
Minimum illumination	Color: 0.1 lux, B/W: 0.01 lux, F1.5 HDTV 1080p 50/60 fps: Color: 0.2 lux, B/W: 0.02 lux, F1.5	Casing	Color lid: Silver RAL 9006 Color chassis: Black - NCS S 9000-N
Shutter time	1/34500 to 2 s	Sustainability	PVC free
Pan/Tilt/Zoom	Digital PTZ, uploadable PTZ driver (Pelco D pre-installed)	Memory	512 MB RAM, 256 MB Flash
Video		Power	8–28 V DC or Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 Max 8.0 W
Video compression	H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile, Motion JPEG	Connectors	RJ45 10BASE-T/100BASE-TX PoE, 3.5 mm mic/line in, 3.5 mm line out DC input RS485/RS422, Terminal block for two configurable inputs/outputs (12 V DC output, max load 50 mA)
Resolution	WUXGA 25/30 fps (no WDR): 1920x1200 to 160x90 HDTV 1080p 25/30 fps (WDR): 1920x1080 to 160x90 HDTV 1080p 50/60 fps (no WDR): 1920x1080 to 160x90	Storage	Support for microSD/microSDHC/microSDXC card SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Frame rate	Up to 50/60 fps (50/60 Hz) in all resolutions (no WDR)	Operating conditions	0 °C to 55 °C (32 °F to 131 °F) Humidity 10–85% RH (non-condensing)
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth Axis Zipstream technology in H.264 VBR/MBR H.264	Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Multi-view streaming	Up to 8 individually cropped out view areas	Approvals	EN 55032 Class B, EN 61000–3–2, EN 61000–3–3, EN 55024, EN 61000–6–1, EN 61000–6–2, FCC Part 15 Subpart B Class B, ICES–003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, IEC/EN/UL 60950–1 EN 50121–4, IEC 62236–4 EN 61146–1/ IEC 1146–1 KCC KN32 Class B, KN35
Image settings	Compression, color, brightness, sharpness, contrast, white balance, exposure control, exposure zone, fine tuning of behavior at low light, text and image overlay, privacy mask, mirroring of images Rotation: auto, 0°, 90°, 180°, 270° including Corridor Format WDR – forensic capture: Up to 120 dB depending on scene, barrel distortion correction, day/night shift level, electronic image stabilization, local contrast, defogging	Dimensions	82 x 58 x 136 mm (3 1/4 x 2 1/4 x 5 3/8 in)
Audio		Weight	938 g (2 lb)
Audio streaming	Two-way	Included accessories	C/CS lens adapter ring Stand Connector kit, Resistor® T20 tool, Installation Guide, Windows decoder 1–user license
Audio compression	AAC-LC 8/16/32 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate	Optional accessories	Axis optional lenses, AXIS T90B Illuminators, Axis network cable couplers, AXIS T8129 PoE Extender, AXIS T8120 Midspan 15 W 1–port For more accessories, see axis.com
Audio input/output	Built-in microphone (can be disabled) External balanced/unbalanced microphone or line input, line output	Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on axis.com/vms
Network		Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized Certificate Management signed firmware	Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see axis.com/warranty
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	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 (ey@cryptsoft.com).	
System integration		Environmental responsibility: axis.com/environmental-responsibility	
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Guardian with One-Click Connection ONVIF [®] Profile G and ONVIF [®] Profile S, specifications at onvif.org		
Analytics	Included AXIS Video Motion Detection, active tampering alarm, audio detection Supported AXIS Perimeter Defender AXIS Digital Autotracking Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap		
Event triggers	Analytics, Edge storage events, External input Shock detection		