

AXIS Q1659 Network Camera

Professional photography meets video surveillance

AXIS Q1659 offers ultra-high image resolution for surveillance in superb detail at 8 frames per second, achieving unprecedented levels of detail for observing open spaces and across long distances. It features digital single-lens reflex (DSLR) imaging technology and offers a choice of Canon EF/EF-S lenses, depending on individual user needs. Equipped with an EF lens mount, the camera enables easy lens changes. AXIS Q1659 is compatible with a broad number of video management systems, and it supports Zipstream that significantly reduces bandwidth and storage requirements.

- > [20 MP resolution](#)
- > [Canon EF mount and EF/EF-S lenses](#)
- > [Axis' Zipstream technology](#)
- > [PoE and SFP slot for optional fiber connectivity](#)
- > [Optional accessory housing](#)



AXIS Q1659 Network Camera

Models	AXIS Q1659 24 mm, f/2.8 AXIS Q1659 35 mm f/2 AXIS Q1659 50 mm, f/1.4 AXIS Q1659 85 mm, f/1.2L AXIS Q1659 100 mm, f/2.8L AXIS Q1659 10–22 mm, f/3.5–4.5 AXIS Q1659 70–200 mm, f/2.8L	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
Camera		Data streaming	Event data
Image sensor	22.4 x 15.0 mm APS-C CMOS-sensor	Built-in installation aids	Pixel counter, Remote focus
Lens	EF/EF-S mount	General	
Day and night	Automatically removable infrared-cut filter	Casing	Camera: Aluminum Color: Black NCS S 9000–N
Minimum illumination	Color: TBD lux, B/W: TBD lux	Memory	1 GB RAM, 256 MB Flash
Shutter time	1/8000 to 1 s	Power	20–28 V DC, max 18.6 W Power over Ethernet IEEE 802.3af/802.3at Type 2 Class 4 Typical 13.1 W, max 25.5 W
Pan/Tilt/Zoom	Digital PTZ, Uploadable PTZ driver (Pelco D pre-installed)	Connectors	RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE 3.5 mm mic/line in, 3.5 mm line out DC input Terminal block for 2 configurable inputs/outputs (12 V DC output, max load 50 mA) RS485/RS422 SFP connector (100/1000 Mbps) for SFP fiber module
Video		Storage	Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
Video compression	H.264 (MPEG-4 Part 10/AVC), Main and Baseline Profile Motion JPEG	Operating conditions	0 °C to 45 °C (32 °F to 122 °F) Humidity 10–85% RH (non-condensing)
Resolutions	5472x3648 to 320x240	Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F)
Frame rate	5472x3648: 8 fps Ultra HD 2160p (4K): 25 fps	Approvals	EMC EN 55032 Class A, EN 50121–4, 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 Safety IEC/EN/UL 60950–1
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth Axis' Zipstream technology in H.264 VBR/CBR H.264	Dimensions	176 x 102 x 75 mm (6.9 x 4.0 x 3.0 in)
Multi-view streaming	Up to 4 individually cropped out view areas	Weight	840 g (1.85 lb)
Image settings	Compression, Color, Brightness, Sharpness, White balance, Exposure control, Fine tuning of behavior at low light, Text and image overlay, Privacy mask, Rotation: 0°, 180°. Day/Night shift level	Included accessories	EF mount cover Connector kit, Installation Guide, Windows decoder 1-user license
Audio		Optional accessories	Outdoor housing, Axis PoE+ Midspans
Audio streaming	Two-way	Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
Audio compression	AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate, OPUS	Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Audio input/output	External microphone or line input, line output	Warranty	Axis 3-year warranty and AXIS Extended Warranty option , see www.axis.com/warranty
Network		a. <i>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/), and cryptographic software written by Eric Young (ey@cryptsoft.com).</i>	
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized Certificate Management	Environmental responsibility: www.axis.com/environmental-responsibility	
Supported protocols	IPv4/IPv6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, 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 www.axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S and G, specification at www.onvif.org		
Analytics	AXIS Video Motion Detection 3, Active tampering alarm, Audio detection Support for AXIS Camera Application Platform enabling installation of AXIS Guard Suite, AXIS Perimeter Defender, AXIS Digital Autotracking and third-party applications, see www.axis.com/acap		
Event triggers	Analytics, Edge storage events, External input		