

AXIS Q1614 Network Camera

Outstanding HDTV 720p video in 50/60 fps

AXIS Q1614 is an indoor fixed camera enabling clear identification of both people and objects, even in highly variable lighting conditions. The Axis' Lightfinder technology makes it extremely sensitive to low light and the Wide Dynamic Range - Dynamic Capture provides homogeneous images without too dark or too bright parts. The remote back focus function enables fine-tuning of the focus from a computer, and the pixel counter helps verifying that the pixel resolution of an object or face fulfills regulatory requirements. Leveling assistance guides the camera to the correct level, and auto rotation flips the image to the right orientation.

- > **HDTV 720p at 50/60 fps**
- > **Wide Dynamic Range - Dynamic Capture and Lightfinder**
- > **Auto rotation**
- > **Leveling assistance**
- > **Shock detection**



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Camera		Event triggers	Analytics, Edge storage events, External input Shock detection
Image sensor	Progressive scan RGB CMOS 1/3"	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
Lens	Varifocal, IR corrected, CS-mount 2.8–8 mm, F1.2 Horizontal angle of view: 100°–34° P-Iris	Data streaming	Event data
Day and night	Automatically removable infrared-cut filter	Built-in installation aids	Focus assistant, Pixel counter, Remote back focus
Minimum illumination	Extended D1: Color: 0.05 lux, B/W: 0.008 lux, F1.2 HDTV 720p 25/30 fps: Color: 0.1 lux, B/W: 0.02 lux, F1.2 With WDR – dynamic capture: Color: 0.4 lux, B/W: 0.06 lux, F1.2 HDTV 720p 50/60 fps: Color: 0.2 lux, B/W: 0.04 lux, F1.2	General	
Shutter time	1/43500 to 2 s	Casing	Camera: Metal (zinc) Color: White NCS S 1002-B
Pan/Tilt/Zoom	Digital PTZ, Uploadable PTZ driver (Pelco D pre-installed)	Sustainability	PVC free
Video		Memory	256 MB RAM, 128 MB Flash
Video compression	H.264 (MPEG-4 Part 10/AVC), Main and Baseline Profile, Motion JPEG	Power	8–28 V DC or Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 Max 10.8 W
Resolutions	Extended D1: 768x576 to 160x90 HDTV 720p 50/60 fps: 1280x720 to 160x90 HDTV 720p 25/30 fps: 1280x960 ² to 160x90	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)
Frame rate	Up to 50/60 fps (50/60 Hz) in all resolutions (no WDR)	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 streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR H.264	Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 10–85% RH (non-condensing)
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 – dynamic capture: Up to 120 dB depending on scene, Day/Night shift level, Shadow and highlight recovery, Backlight compensation	Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F)
Audio		Approvals	EN 55022 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, C-tick AS/NZS CISPR 22 Class B, IEC/EN/UL 60950–1 KCC KN32 Class B, KN35
Audio streaming	Two-way	Dimensions	82 x 58 x 136 mm (3 1/4 x 2 1/4 x 5 3/8 in)
Audio compression	AAC-LC 8/16/32 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate	Weight	925 g (2 lb)
Audio input/output	Built-in microphone (can be disabled) External balanced/unbalanced microphone or line input, line output	Included accessories	Stand Connector kit, Resistorx T20 tool, Installation Guide, Windows decoder 1–user license
Network		Optional accessories	Axis optional lenses, AXIS T90B Illuminators, Axis network cable couplers, AXIS T8129 PoE Extender, AXIS T8120 Midspan 15 W 1–port
Security	Password protection, IP address filtering, HTTPS ^b encryption, IEEE 802.1X ^b network access control, Digest authentication, User access log, Centralized Certificate Management	Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
Supported protocols	IPv4/v6, HTTP, HTTPS ^b , SSL/TLS ^b , 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	Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
System integration		Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
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, specification at www.onvif.org	a. 1400x1050 (1.4 MP) scaled resolution available via VAPIX [®] b. 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).	
Analytics	AXIS Video Motion Detection 3, Active tampering alarm, Audio detection Support for AXIS Camera Application Platform enabling installation of AXIS Cross Line Detection and third-party applications, see www.axis.com/acap	Environmental responsibility: www.axis.com/environmental-responsibility	