

# 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](#)

# AXIS Q1614 Network Camera

<b>Camera</b>		<b>Event triggers</b>	Analytics, Edge storage events, External input Shock detection
<b>Image sensor</b>	Progressive scan RGB CMOS 1/3"	<b>Event actions</b>	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
<b>Lens</b>	Varifocal, IR corrected, CS-mount 2.8–8 mm, F1.2 Horizontal angle of view: 100°–34° P-Iris	<b>Data streaming</b>	Event data
<b>Day and night</b>	Automatically removable infrared-cut filter	<b>Built-in installation aids</b>	Focus assistant, Pixel counter, Remote back focus
<b>Minimum illumination</b>	<b>Extended D1:</b> Color: 0.05 lux, B/W: 0.008 lux, F1.2 <b>HDTV 720p 25/30 fps:</b> Color: 0.1 lux, B/W: 0.02 lux, F1.2 <b>With WDR – dynamic capture:</b> Color: 0.4 lux, B/W: 0.06 lux, F1.2 <b>HDTV 720p 50/60 fps:</b> Color: 0.2 lux, B/W: 0.04 lux, F1.2	<b>General</b>	
<b>Shutter time</b>	1/43500 to 2 s	<b>Casing</b>	Camera: Metal (zinc) Color: White NCS S 1002-B
<b>Pan/Tilt/Zoom</b>	Digital PTZ, Uploadable PTZ driver (Pelco D pre-installed)	<b>Sustainability</b>	PVC free
<b>Video</b>		<b>Memory</b>	256 MB RAM, 128 MB Flash
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC), Main and Baseline Profile, Motion JPEG	<b>Power</b>	8–28 V DC or Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 Max 10.8 W
<b>Resolutions</b>	<b>Extended D1:</b> 768x576 to 160x90 <b>HDTV 720p 50/60 fps:</b> 1280x720 to 160x90 <b>HDTV 720p 25/30 fps:</b> 1280x960 <sup>2</sup> to 160x90	<b>Connectors</b>	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)
<b>Frame rate</b>	Up to 50/60 fps (50/60 Hz) in all resolutions (no WDR)	<b>Storage</b>	Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR H.264	<b>Operating conditions</b>	0 °C to 50 °C (32 °F to 122 °F) Humidity 10–85% RH (non-condensing)
<b>Image settings</b>	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	<b>Storage conditions</b>	–40 °C to 65 °C (–40 °F to 149 °F)
<b>Audio</b>		<b>Approvals</b>	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
<b>Audio streaming</b>	Two-way	<b>Dimensions</b>	82 x 58 x 136 mm (3 1/4 x 2 1/4 x 5 3/8 in)
<b>Audio compression</b>	AAC-LC 8/16/32 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate	<b>Weight</b>	925 g (2 lb)
<b>Audio input/output</b>	Built-in microphone (can be disabled) External balanced/unbalanced microphone or line input, line output	<b>Included accessories</b>	Stand Connector kit, Resistorx T20 tool, Installation Guide, Windows decoder 1–user license
<b>Network</b>		<b>Optional accessories</b>	Axis optional lenses, AXIS T90B Illuminators, Axis network cable couplers, AXIS T8129 PoE Extender, AXIS T8120 Midspan 15 W 1–port
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>b</sup> encryption, IEEE 802.1X <sup>b</sup> network access control, Digest authentication, User access log, Centralized Certificate Management	<b>Video management software</b>	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>b</sup> , SSL/TLS <sup>b</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>System integration</b>		<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option.
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S,		
<b>Analytics</b>	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,		