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

Camera

Image sensor	Progressive scan RGB CMOS 1/3"
Lens	Varifocal, IR corrected, CS-mount, Megapixel resolution P-Iris 2.8-8 mm, F1.2 Horizontal angle of view: 100°-34°
Day and night	Automatically removable infrared-cut filter
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
Shutter time	1/43500 to 2 s
Pan/Tilt/Zoom	Digital PTZ, Uploadable PTZ driver (Pelco D pre-installed)

Video

Video compression	H.264 (MPEG-4 Part 10/AVC), Main and Baseline Profile, Motion JPEG
Resolutions	**Extended D1:** 768x576 to 160x90 **HDTV 720p 50/60 fps:** 1280x720 to 160x90 **HDTV 720p 25/30 fps:** 1280x960[a] to 160x90
Frame rate	50/60 fps (no WDR)
Video streaming	Multiple, individually configurable streams in H.264/Motion JPEG, Controllable frame rate and bandwidth VBR H.264
Image settings	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Exposure zone, Backlight compensation, 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 Auto-rotation

Audio

Audio streaming	Two-way
Audio compression	AAC-LC 8/16/32 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate
Audio input/output	External microphone, input or line input, line output Built-in microphone (can be disabled) External balanced/unbalanced microphone or line input, line output

Network

Security	Password protection, IP address filtering, HTTPS[b] encryption, IEEE 802.1X[b] network access control, Digest authentication, User access log, Centralized Certificate Management
Supported protocols	IPv4/v6, HTTP, HTTPS[b], SSL/TLS[b], 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

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, specification at www.onvif.org
Analytics	Video motion detection, Active tampering alarm, Audio detection Support for AXIS Camera Application Platform enabling installation of AXIS Video Motion Detection 3, AXIS Cross Line Detection, AXIS Digital Autotracking and third-party applications, see www.axis.com/acap
Event triggers	Analytics, Edge storage events, External input Shock detection
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
Data streaming	Event data
Built-in installation aids	Focus assistant, Pixel counter, Remote back focus Leveling assistant, Auto rotation

General

Casing	Camera: Metal (zinc) Color: White NCS S 1002-B
Memory	256 MB RAM, 128 MB Flash
Power	8-28 V DC or Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 max. 10.8 W
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)
Edge 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
Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 10-85% RH (non-condensing)
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 KN22 Class B, KN24
Dimensions	82 x 58 x 136 mm (3 1/4 x 2 1/4 x 5 3/8 in)
Weight	**AXIS Q1614:** 925 g (2 lb)
Included accessories	Stand, Connector kit, Resistorx T20 tool, Installation Guide, Windows decoder 1-user license
Optional accessories	Axis optional lenses, AXIS T90B Illuminators, Axis network cable couplers, AXIS T8129 PoE Extender, AXIS T8120 Midspan 15 W 1-port
Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
Languages	German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

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 (eay@cryptsoft.com).

More information is available at www.axis.com

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