

AXIS Q8414-LVS Network Camera

Corner mount in stainless steel and anti-grip

AXIS Q8414-LVS offers a vandal-resistant stainless steel casing and built-in invisible IR LED illumination for high quality indoor video surveillance even in complete darkness. It supports Lightfinder making it extremely sensitive to low light. The water-resistant casing is easy and safe to clean with a water hose, soapy water or other multi-purpose cleaning agent. It supports both IP66- and NEMA 4X-rating. The corner-mount camera has no ligature points and is ideal for video surveillance of small rooms in premises such as correctional facilities, interview rooms and elevators. AXIS Q8414-LVS features audio analytics that can be used to trigger an alarm.

- > [Anti-ligature corner camera in stainless steel](#)
- > [Impact resistant IK10+ 50 joule rating](#)
- > [Easy and safe to clean](#)
- > [Built-in invisible IR LED illumination \(940 nm\)](#)



AXIS Q8414-LVS Network Camera

Models AXIS Q8414-LVS Network Camera Metal
AXIS Q8414-LVS Network Camera White

Camera

Image sensor 1/3" progressive scan RGB CMOS

Lens Varifocal, 2.5-6 mm, F1.2
Horizontal field of view: 105°-49°
Vertical field of view: 79°-37°
Remote focus and zoom, P-Iris control

Day and night Automatically removable infrared-cut filter

Minimum illumination Color: 0.1 lux at F1.2
B/W: 0.02 lux at F1.2
0 lux with IR illumination on

Shutter time 1/24500 s to 2 s

Camera angle adjustment Tilt 10°, Rotation 340°

Video

Video compression H.264 (MPEG-4 Part 10/AVC) Baseline and Main profile
Motion JPEG

Resolutions 1280 x 960 (approx. 1.3 MP)^a to 160 x 90

Frame rate Up to 30/25 fps (60/50 Hz) in all resolutions

Video streaming Multiple, individually configurable streams in H.264 and Motion JPEG
Controllable frame rate and bandwidth
VBR/CBR H.264

Pan/Tilt/Zoom Digital PTZ

Image settings Compression, color, brightness, sharpness, contrast, white balance, exposure control, exposure zones, WDR – dynamic contrast, fine tuning of behavior at low light, rotation: 0°, 90°, 180°, 270°, including Corridor Format, text and image overlay, three privacy masks, mirroring of images

Audio

Audio streaming Two-way

Audio compression AAC-LC 8/16 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)

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™, SNMP v1/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 ONVIF® Profile G, specification at www.onvif.org

Analytics AXIS Video Motion Detection 4, active tampering alarm, audio detection
Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap

Event triggers Analytics, external input, edge storage events

Event actions Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video buffering, external output activation, send SNMP trap, play audio clip
File upload via FTP, SFTP, HTTP, HTTPS network share and email

Notification via email, HTTP, HTTPS and TCP

Data streaming Event data

Built-in installation aids Remote zoom, remote focus, pixel counter, adjustable IR illumination

General

Casing Polycarbonate dome and IR window, IP66- and NEMA 4X-rated, IK10+ 50 joules impact-resistant stainless steel casing.
For repainting instructions and impact on warranty, contact your Axis partner
Metal: Color: Brushed stainless steel
White: Color: White NCS S 1002-B

Sustainability PVC free

Memory 256 MB RAM, 128 MB Flash

Power Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2
Max. 6.2 W (limited IR)
Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3
Max. 8.7 W (full IR)

Connectors RJ45 10BASE-T/100BASE-TX PoE
Terminal block for 1 alarm input and 1 output
3.5 mm mic/line in, 3.5 mm line out

IR illumination Power-efficient, Long-life and invisible 940 nm IR LED. Adjustable intensity. Range of reach up to 10 m (33 ft) depending on scene

Storage Support for SD/SDHC/SDXC card
Support for SD card encryption
Support for recording to 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 10-100% RH (condensing)

Storage conditions -40 °C to 65 °C (-40 °F to 149 °F)

Approvals EN 55022 Class B, EN 61000-6-1, EN 61000-6-2, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN-22 Class B, KN-24, IEC/EN/JUL 60950-1, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-64, IEC 60068-2-78, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC/EN 62262 IK10+, EN 62471

Dimensions 165 x 255 x 215 mm (6 1/2 x 10 1/16 x 8 7/16 in)

Weight 3.45 kg (7.61 lb)

Included accessories Installation Guide, Windows decoder 1-user license, AVHS Authentication key, Restorix 20 bit, Connector kit, Washers, Mounting tool for RJ45

Optional accessories AXIS Q8414-LVS Smoked dome,
AXIS Q8414-LVS IR Window B, I/O Audio Cable 5 m (16 ft),
AXIS T8640 Ethernet over Coax Adaptor PoE+ (requires
AXIS T8642 Mounting Kit A), AXIS Door Switch A
For more accessories, see www.axis.com

Video management software AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on www.axis.com/techsup/software

Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese

Warranty Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

- a. 1400x1050 (1.4MP) scaled resolution available via VAPIX®
b. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (leay@cryptsoft.com).

Environmental responsibility:

www.axis.com/environmental-responsibility