

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

Variants

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 speed

1/24500 s to 2 s

Camera adjustment

Tilt 10°, Rotation 340°

Video

Video compression

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

Resolution

1280 x 960 (approx. 1.3 MP)¹ 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 encoding

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, HTTPS² encryption, IEEE 802.1X² network access control, digest authentication, user access log, centralized certificate management

Network protocols

IPv4/v6, HTTP, HTTPS², SSL/TLS², 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

1. 1400x1050 (1.4MP) scaled resolution available via VAPIX®

2. 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 (ey@cryptsoft.com).

System integration

Application Programming Interface

Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com/developer-community

AXIS Video Hosting System (AVHS) with One-Click Connection

ONVIF® Profile S and ONVIF® Profile G, specification at 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/UL 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, Resitorx 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 axis.com

Video management software

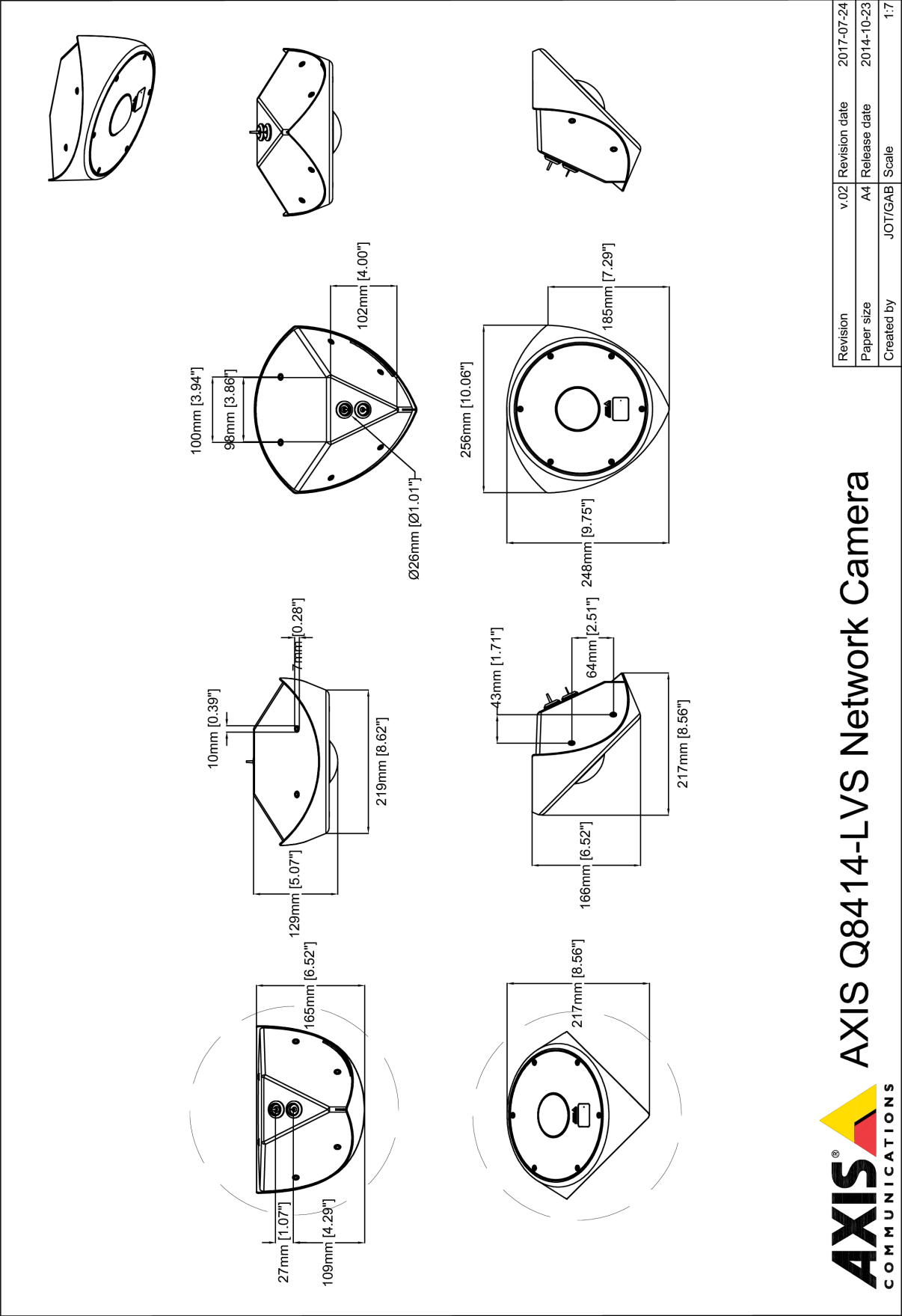
AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on axis.com/techsup/software

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 axis.com/warranty



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