AXIS
COMMUNICATIONS

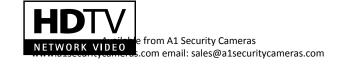# AXIS Q6114-E PTZ Dome Network Camera

High-end HDTV 720p PTZ camera with Sharpdome technology and Lightfinder

The compact, outdoor-ready AXIS Q6114-E delivers smooth HDTV 720p video at 50/60 fps, with 30x optical zoom and autofocus. Axis Sharpdome technology provides full scene fidelity and sharp images in all directions–above as well as below the horizon. Quick and precise pan performance of over 700°/s makes it easy to change viewing position and follow fast moving objects. AXIS Q6114-E supports Axis Lightfinder technology, making it extremely sensitive to low light, and Wide Dynamic Range – Dynamic Capture for challenging lighting conditions. Axis Speed Dry function easily removes water drips from the dome glass, providing sharp images in rainy weather.

> **Sharpdome technology**

> **Speed Dry function**

> **Lightfinder technology**

> **HDTV 720p at 50/60 fps**

> **Pan performance 700° per second**

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HDTV
NETWORK VIDEO

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AXIS Q6114-E PTZ Dome Network Camera

Models	AXIS Q6114-E 50 Hz AXIS Q6114-E 60 Hz

Camera

Image sensor	1/3" Progressive Scan CMOS
Lens	4.3–129 mm, F1.6–4.7 Horizontal field of view: 58.3˚–2.1˚ Vertical field of view: 34.9˚–1.3˚ Autofocus, auto-iris
Day and night	Automatically removable infrared-cut filter
Minimum illumination	**Color:** 0.15 lux at 30 IRE F1.6 **B/W:** 0.008 lux at 30 IRE F1.6 **Color:** 0.18 lux at 50 IRE F1.6 **B/W:** 0.001 lux at 50 IRE F1.6
Shutter time	1/10000 s to 1 s
Pan/Tilt/Zoom	Pan: 360° endless, 0.05°–700°/s Tilt: +20 to -90°, 0.05°–500°/s Zoom: 30x Optical, 12x Digital, Total 360x zoom Nadir flip, 256 preset positions, Tour recording, Guard tour, Control queue, On-screen directional indicator, Set new pan 0°, Adjustable zoom speed, Speed Dry

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolutions	1280x720 (HDTV 720p) to 320x180
Frame rate	Up to 25/30 or 50/60 fps (50/60 Hz) in all resolutions and H.264
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264
Image settings	Compression, Color, Brightness, Sharpness, White balance, Exposure control, Exposure zones, Rotation, Backlight compensation, Fine tuning of behavior at low light, Electronic Image Stabilization (EIS), Defogging, Manual shutter time, Text and image overlay, Image freeze on PTZ WDR – Dynamic Capture: 130 dB Highlight compensation 32 individual 3D privacy masks

Network

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

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 Gatekeeper, Shock detection, Autotracking Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap
Event triggers	Detectors: Live Stream Accessed, Motion Detection, Shock Detection Hardware: Network, Temperature Input Signal: Manual Trigger, Virtual Inputs PTZ: Autotracking, Error, Moving, Preset Reached, Ready Storage: Disruption, Recording System: System Ready Time: Recurrence, Use Schedule

Event actions	Overlay text, PTZ preset, guard tour, video recording to edge storage, autotracking, day/night mode, pre- and post-alarm video buffering, send SNMP Trap File upload via FTP, SFTP, HTTP, HTTPS, and email Notification via email, HTTP, HTTPS, and TCP
Data streaming	Event data
Built-in installation aids	Pixel counter

General

Casing	IK08, IP66- and NEMA 4X-rated Metal casing (aluminum), Polycarbonate (PC) clear dome with Sharpdome technology, PVC free
Sustainability	PVC free
Memory	1 GB RAM, 256 MB Flash
Power	**Axis High PoE midspan 1–port:** 100–240 V AC, max 74 W Camera consumption: typical 10 W, max 51 W **Axis PoE+ midspan 1–port:** 100–240 V AC, max 37 W IEEE 802.3at Type 2 Class 4 Camera consumption: typical 10 W, max 25 W
Connectors	RJ45 10BASE-T/100BASE-TX PoE RJ45 Push-pull Connector (IP66)
Storage	Support for SD/SDHC/SDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
Operating conditions	**With 30 W midspan:** -20 °C to 50 °C (4 °F to 122 °F) **With 60 W midspan:** -50 °C to 50 °C (-58 °F to 122 °F) **Maximum temperature (intermittent):** 60 °C (140 °F) **Arctic Temperature Control:** Start-up as low as -40 °C (-40 °F) Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 70 °C (-40 °F to 158 °F)
Approvals	EN 55022 Class A, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, EN 55024, EN 50121-4, IEC 62236-4, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, C-tick AS/NZS CISPR22 Class A, KCC KN22 Class A, KN24, IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, IEC/EN 62262 IK08, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-78, IEC 60068-2-14, IEC 60068-2-6, IEC 60068-2-27, ISO4892-2 Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR
Dimensions	222x165x165 mm (8 3/4 x 6 1/2 x 6 1/2 in) With mounting hook: 275x165x165 mm (10 13/16 x 6 1/2 x 6 1/2 in)
Weight	2.7 kg (5.9 lb)
Included accessories	IP66-rated RJ45 connector kit, High PoE Midspan 1-port, Installation Guide, Windows decoder 1-user license
Optional accessories	AXIS T91/T94 mounting accessories, Axis High PoE midspans For more accessories, see www.axis.com
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	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. *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 (eay@cryptsoft.com).*

Environmental responsibility:

www.axis.com/environmental-responsibility

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