AXIS Q6128-E PTZ Dome Network Camera

High-end 4K PTZ with Axis' Sharpdome technology

The compact, outdoor-ready AXIS Q6128-E delivers top performance 4K (8 MP) video at 25/30 fps, with 12x optical zoom, and autofocus. Axis' Sharpdome technology provides full scene fidelity and perfect image quality in all directions – above as well as below the horizon. Using the latest technology, AXIS Q6128-E has good low light performance, and the quick and precise pan of more than 700°/s makes it easy to change viewing position and follow fast moving objects. Axis' Speed Dry function easily removes water drips from the dome glass, providing sharp images in rainy weather. The camera also features EIS and defogging.

> **4K resolution**

> **Axis' Sharpdome technology**

> **Axis' Speed Dry function**

> **Pan performance up to 700°/s**

> **Repaintable**

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Models	AXIS Q6128-E 50 Hz AXIS Q6128-E 60 Hz

Camera

Image sensor	1/2.3" Progressive scan CMOS
Lens	3.9–46.8 mm, F1.8–2.0 Horizontal field of view: 70.7˚–6.2˚ Vertical field of view: 43.5˚–3.5˚ Autofocus, auto-iris
Day and night	Automatically removable infrared-cut filter
Minimum illumination	**Color:** 0.45 lux at 30 IRE, F1.8 **B/W:** 0.03 lux at 30 IRE, F1.8 **Color:** 0.6 lux at 50 IRE, F1.8 **B/W:** 0.05 lux at 50 IRE, F1.8
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: 12x Optical, 12x Digital, Total 144x 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	3840x2160 UltraHD 4K to 640x360
Frame rate	Up to 50/60 fps (50/60Hz) @1080p Up to 25/30 fps (50/60Hz) @4K
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 Highlight compensation 24 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 14 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 14 W, max 25 W
Connectors	RJ45 10BASE-T/100BASE-TX/1000BASE-T RJ45 Push-pull Connector (IP67)
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) **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	With mounting hook: 274x165x165 mm (10 13/16 x 6 1/2 x 6 1/2 in) Without mounting hook: 256x165x165 mm (10 1/16 x 6 1/2 x 6 1/2 in)
Weight	3.0 kg (6.5 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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