

# 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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<b>Models</b>	AXIS Q6128-E 50 Hz AXIS Q6128-E 60 Hz	Record video File upload via FTP, SFTP, HTTP, HTTPS, and email Notification via email, HTTP, HTTPS, and TCP PTZ preset, guard tour, video recording to edge storage, autotracking, day/night mode Pre- and post-alarm video buffering
<b>Camera</b>		
<b>Image sensor</b>	1/2.3" Progressive scan CMOS	
<b>Lens</b>	3.9–46.8 mm, F1.8–2.0 Horizontal angle of view: 70.7°–6.2° Vertical angle of view: 43.5°–3.5° Autofocus, auto-iris	
<b>Day and night</b>	Automatically removable infrared-cut filter	
<b>Minimum illumination</b>	Color: 0.45 lux at 30 IRE, F1.8 B/W: 0.03 lux at 30 IRE, F1.8	
<b>Shutter time</b>	1/10000 s to 1 s	
<b>Pan/Tilt/Zoom</b>	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	
<b>Video</b>		
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	
<b>Resolutions</b>	3840x2160 Ultra HD 4K to 640x360	
<b>Frame rate</b>	Up to 50/60 fps (50/60Hz) @1080p Up to 25/30 fps (50/60Hz) @4K	
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264	
<b>Image settings</b>	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	
<b>Network</b>		
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log, Centralized Certificate Management	
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCP	
<b>System integration</b>		
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a>	
<b>Analytics</b>	Video motion detection, Active Gatekeeper Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>	
<b>Event triggers</b>	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	
<b>Event actions</b>	Overlay text	
<b>Data streaming</b>	Event data	
<b>Built-in installation aids</b>	Pixel counter	
<b>General</b>		
<b>Casing</b>	IK08, IP66- and NEMA 4X-rated metal casing (aluminum), Polycarbonate (PC) clear dome with Sharpdome technology	
<b>Memory</b>	1 GB RAM, 256 MB Flash	
<b>Power</b>	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	
<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX/1000BASE-T RJ45 Push-pull Connector (IP67)	
<b>Edge storage</b>	Support for SD/SDHC/SDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>	
<b>Operating conditions</b>	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)	
<b>Storage conditions</b>	–40 °C to 70 °C (–40 °F to 158 °F)	
<b>Approvals</b>	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	
<b>Dimensions</b>	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)	
<b>Weight</b>	3.0 kg (6.5 lb)	
<b>Included accessories</b>	IP66-rated RJ45 connector kit, High PoE Midspan 1-port, Installation Guide, Windows decoder 1-user license	
<b>Optional accessories</b>	AXIS T91/T94 mounting accessories, Axis High PoE midspans For more accessories, see <a href="http://www.axis.com">www.axis.com</a>	
<b>Video management software</b>	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/software">www.axis.com/techsup/software</a>	
<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese	
<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>	

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([www.openssl.org](http://www.openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).

More information is available at [www.axis.com](http://www.axis.com)