

AXIS Q6155-E PTZ Dome Network Camera

High-speed PTZ with instant laser focus

The compact, outdoor-ready AXIS Q6155-E features a built-in laser that provides instant focus in challenging lighting conditions and in complete darkness. It also delivers top performance HDTV 1080p video at 25/30 fps, with 30x optical zoom. Axis' Lightfinder and Sharpdome technologies provide full scene fidelity and perfect image quality in all directions, even in low-light conditions, while Axis' Zipstream technology significantly reduces bandwidth and storage requirements. The quick and precise pan 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.

- > [Laser focus](#)
- > [Axis' Sharpdome technology with Speed Dry](#)
- > [Axis' Lightfinder technology](#)
- > [Axis' Zipstream technology](#)
- > [HDTV 1080p and 30x optical zoom](#)



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Models	AXIS Q6155-E 50 Hz AXIS Q6155-E 60 Hz	WDR mode File upload via FTP, SFTP, HTTP, HTTPS, and email Notification via email, HTTP, HTTPS, and TCP	
Camera			
Image sensor	1/2.8" Progressive scan CMOS	Data streaming Event data	
Lens	4.3–129 mm, F1.6–4.7 Horizontal field of view: 66.7°–2.36° Vertical field of view: 39.5°–1.37° Laser focus, auto-iris	Built-in installation aids Pixel counter	
Day and night	Automatically removable infrared-cut filter	General	
Minimum illumination	Color: 0.15 lux at 30 IRE, F1.6 B/W: 0.01 lux at 30 IRE, F1.6 Color: 0.2 lux at 50 IRE, F1.6 B/W: 0.02 lux at 50 IRE, F1.6	Casing IK08, IP66- and NEMA 4X-rated Repaintable metal casing (aluminum), Polycarbonate (PC) clear dome with Sharpdome technology	
Shutter time	1/60000 s to 2 s	Sustainability PVC free	
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	Memory 512 MB RAM, 256 MB Flash	
Video			
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	Power Axis High PoE midspan 1–port: 100–240 V AC, max 74 W Camera consumption: typical 11 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 11 W, max 25 W	
Resolutions	1920x1080p (HDTV 1080p) to 320x180	Connectors RJ45 10BASE-T/100BASE-TX RJ45 Push-pull Connector (IP67)	
Frame rate	Up to 25/30 fps (50/60 Hz) in 1080p Up to 50/60 fps (50/60 Hz) in 720p	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	
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis' Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264	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)	
Image settings	Compression, color, brightness, sharpness, white balance, exposure control, exposure zones, rotation, fine tuning of behavior at low light, electronic image stabilization (EIS), manual shutter time, text and image overlay, image freeze on PTZ Contrast, local contrast, automatic backlight compensation, autofocus, WDR – forensic capture: 120 dB 32 individual 3D privacy masks	Storage conditions -40 °C to 70 °C (-40 °F to 158 °F)	
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	Approvals EMC EN 55022 Class A, EN 55024, EN 50121-4, IEC 62236-4, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR22 Class A KCC KN32 Class A, KN35 Safety IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, Laser Safety Regulations IEC/EN 60825-1 Class I Ed. 3 (2014) Environment 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, IEC 60068-2-30, ISO4892-2 Midspan: EN 60950-1, GS, UL, cUL, CE, FCC, VCCI, CB, KCC, UL-AR	
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP	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)	
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 [®] Profiles S and G, specifications at www.onvif.org	Weight 2.9 kg (6.4 lb)	
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	Included accessories IP66-rated RJ45 connector kit, High PoE Midspan 1–port, Installation Guide, Windows decoder 1-user license	
Event triggers	Detectors: Live Stream Accessed, Motion Detection, Shock Detection, Day/Night mode 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	Optional accessories AXIS T91/T94 Mounting Accessories, Axis High PoE midspans For more accessories, see www.axis.com	
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	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. 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).

Environmental responsibility:

www.axis.com/environmental-responsibility