AXIS Q6155-E
High-speed PTZ with instant laser focus

The compact, outdoor-ready AXIS Q6155-E features a built-in laser that provides instant focus even in challenging lighting conditions. It also delivers top performance HDTV 1080p video, with 30x optical zoom. Axis Sharpdome and Lightfinder 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. The speed dry function easily removes water drips from the dome glass, providing clear images in rainy weather.

> Laser focus
> Sharpdome technology with Speed Dry
> Lightfinder technology
> Zipstream technology
> HDTV 1080p and 30x optical zoom
**AXIS Q6155-E**

**Models**
- AXIS Q6155-E 50 Hz
- AXIS Q6155-E 60 Hz

**Camera**
- **Image sensor**: 1/2.8" Progressive scan CMOS
- **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°
- **Day and night**: Automatically removable infrared-cut filter
- **Minimum illumination**:
  - Color: 0.15 lx at 30 IRE, F1.6
  - B/W: 0.01 lx at 30 IRE, F1.6
  - Color: 0.2 lx at 50 IRE, F1.6
  - B/W: 0.02 lx at 50 IRE, F1.6
- **Shutter time**: 1/60000 s to 2 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

**Video**
- **Video compression**: H.264 (MP4G-Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
- **Video streaming**: Multiple, individually configurable streams in H.264 and Motion JPEG
- **Resolution**: 1920×1080p (HDTV 1080p) to 320×180
- **Frame rate**: Up to 25/30 fps (50/60 Hz) in 1080p
  - Up to 50/60 fps (50/60 Hz) in 720p
  - **Video streaming**: 3G-SDI, HDMI, RJ-45 (VBR/MVR H.264)

**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

**Network**
- **Security**: Password protection, IP address filtering, HTTPS encryption, IEEE 802.1x (EAP-TLS) network access control, Digest authentication, User access log, Centralized Certificate Management, Brute force delay protection, signed firmware

**Supported protocols**
- IPv4, IPv6 (ISDn6, HTTP, HTTPS, SSL/TLS), QoS Layer 3 (IPv4/IPv6), FTP, CIF/RSMB, SMTP, Bonjour, UPnP, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTP/Clock

**System integration**
- **Application Programming Interface**: Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com
- **AXIS Guardian with One-Click Connection**: ONVIF Profile G and ONVIF Profile S, specifications at onvif.org

**Analytics**
- Included
  - AXIS Video Motion Detection, AXIS Fence Guard, AXIS Motion Guard

**Event triggers**
- Detectors: live stream accessed, motion detection, shock detection, day/night mode
- Hardware: network, temperature, fan
- Input Signal: manual trigger, virtual inputs
- PTZ: autotracking, error, moving, preset reached, ready
- Storage: disruption, recording
- System: system ready
- Time: recurrence, use schedule

**Event conditions**
- Analytics, external input, virtual inputs through API
  - Audio: audio detection
  - Device status: above operating temperature, above or below operating temperature, below operating temperature, fan failure, IP address removed, network lost, new IP address, shock detected, storage failure, system ready, within operating temperature

**Event actions**
- Record video: SD card and network share
- Pre- and post-alarm video or image buffering for recording or upload
- Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share, and email
  - Notification: email, HTTP, HTTPS, TCP, and SNMP trap
  - PTZ: PTZ preset, guard tour
- Overlay text, day/night mode
- WDR mode

**Data streaming**
- Event data

**Built-in installation aids**
- Focus assistant, pixel counter, remote back focus

**General**
- **Casing**: IK08, IK10 housing and mounting, IP66- and NEMA 4X-rated
- ** repainting metal casing (aluminum), hard coated Polycarbonate (PC) clear dome with Sharpstone technology
- **Sustainability**: PVC free
- **Memory**: 512 MB RAM, 256 MB Flash
- **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
- **Connectors**: RJ-45 10BASE-T/100BASE-TX
  - RJ45 Push-pull Connector (IP66)
- **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 axis.com
  - **Operating conditions**: With 30 W midspan: -20 °C to 50 °C (-4 °F to 122 °F)
  - With 60 W midspan: -55 °C to 50 °C (-67 °F to 122 °F)
  - Absolute maximum temperature: 74 °C (165 °F) according to NEMA TS2 2016, 2.2.7 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)
- Humidity 5-95% RH (non-condensing)
- **Approvals**
  - EMC
    - EN 55022 Class A, EN 55024, EN 50121-4, IEC 61226-4, 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 60950-2-2, Laser Safety
    - Regulations IEC/EN 60825-1 Class 1 Ed. 3 (2014)
- **Environment**
  - IEC/EN 62262 1K08, IEC/EN/UL 60950-1, Laser Safety
  - Regulations IEC/EN 60825-1 Class 1 Ed. 3 (2014)
- **Dimensions**: With mounting hook: 274 x 165 x 165 mm (10 13/16 x 6 1/2 x 6 1/2 in)
  - Without mounting hook: 256 x 165 x 165 mm (10 1/16 x 6 1/2 x 6 1/2 in)
- **Weight**: 2.9 kg (6.4 lb)

**Included accessories**
- IP66-rated RJ45 connector kit, Axis High PoE SFP Midspan, Installation guide, Windows decoder 1-user license
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