

 NETVISION360
SECURITY GROUP

PMC-12450

AXIS Q6000 360 Degree Slew to cue camera with Q6044 PTZ Camera Pole Mount System



- 1 x AXIS Q6000-E 360 Degree Camera
- 1 x AXIS Q6044-E HDTV 720p PTZ Camera
- Slew to Cue Operation
- 32x optical zoom
- Day/Night operation
- IR LED night vision
- IK10 impact-resistant
- Wide Dynamic Range (WDR)
- Edge Recording
- Cellular communications
- Remotely monitored and controlled
- Flashing Strobe Light



Left images: AXIS Q6000-E showing the four cameras in a split screen. Right image: AXIS Q60-E zoomed in on a specific object of interest.

AXIS Q6000-E Specifications	
Camera	
Supported cameras	AXIS Q60-E cameras
Image sensor	4 x 1/2.8" 2MP Progressive scan RGB CMOS
Lens	Fixed focus, Fixed iris, F2.0, Focal length: 1.37 mm, 152° view
Light sensitivity	Color: 0.3 lux, F2.0
Shutter time	1/45500 s to 4 s
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High profiles Motion JPEG
Resolutions	4 x 1280x720 (HDTV 720p) to 320x180, default 960x720 Quad view 1920x1440 (4:3) to 320x180
Frame rate	Up to 25/30 fps (50/60 Hz) in all resolutions
Video streaming	Multiple, individually configurable video streams in H.264 (Main, Base and High profile) and Motion JPEG Controllable frame rate and bandwidth MBR H.264
Image settings	Resolution, Compression, Color level, Brightness, Sharpness, Contrast, White balance, Exposure value, Exposure control, Automatic backlight compensation, Exposure zones, Shutter & gain fine tuning of behavior at normal and low light, Privacy masks
Network	
Security	Password protection, IP address filtering, HTTPS encryption, IEEE 802.1Xb network access control, Digest authentication, User access log, Centralized certificate management
Supported protocols	IPv4/v6, HTTP, HTTPS, SSL/TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP, SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH
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 with One-click Connection ONVIF Profile S, specification at www.onvif.org
Analytics	Video motion detection, Active tampering alarm, Edge storage events, Shock detection, AXIS Camera Application Platform enabling installation of additional applications
Event triggers	Detectors (Live Stream Accessed, Shock detection, Tampering) Hardware (Fan, Network, Temperature) Input signal (Manual Trigger, Virtual Input) Storage (Disruption, Recording) System (System Ready) Time
Event actions	File upload: FTP, HTTP, HTTPS, Network share and email Notification: email, HTTP, HTTPS and TCP Video recording to edge storage Pre- and post-alarm video buffering Overlay text
Data streaming	Event data
Built-in installation aids	Pixel counter

General	
Casing	Die-casted aluminum, Polycarbonate dome
Memory	1 GB RAM, 256 MB Flash
Power	High PoE IEEE 802.3at Type 2 Class 4, max. 60 W
Connectors	RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE RJ45 10BASE-T/100BASE-TX Q60 port RJ45 10BASE-T/100BASE-TX Service port
Edge storage	SD/SDHC/SDXC slot supporting memory card up to 64 GB (card not included) Support for recording to dedicated network-attached storage (NAS)
Operating conditions	-30°C to 50°C (-22°F to 122°F) Humidity 10–100% RH (non-condensing) Valid for AXIS Q6000-E/Q60-E
Storage conditions	-40 °C to 70 °C (-40 °F to 158 °F)
Approvals	EMC EN 55022 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2, EN 61000-3-2, EN 61000-3-3, EN 50121-4, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, ITE, C-Tick AS/NZS CISPR 22 Class A, KCC KN22 Class A, KN24 Safety IEC/EN/UL 60950-1, IEC/EN/UL 60950-22 Environment EN 50581, IEC/EN 60529 IP66, IEC/EN 62262 IK10, NEMA 250 Type 4X, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60721-4-3 Class 4K3, 4M3
Weight	3.55 kg (7.8 lb)
Included accessories	Ethernet adaptor, Bayonet screws, Installation Guide, Installation and Management Software CD, Windows decoder 1-user license
Optional accessories	AXIS T91A and AXIS T91B mounting accessories, AXIS T8124-E High PoE midspan, AXIS T8125 High PoE midspan

AXIS 6044-E Specifications	
Camera	
Image sensor	AXIS Q6042-E: 1/4" ExView HAD Progressive scan CCD AXIS Q6044-E: 1/3" Progressive scan CCD AXIS Q6045-E Mk II: 1/2.8" Progressive scan CMOS
Lens	AXIS Q6042-E: f=3.3-119 mm, F1.4-4.2, Autofocus, 57.2° - 1.7° view AXIS Q6044-E: f=4.4-132 mm, F1.4-4.6, Autofocus, 62.9° - 2.2° view AXIS Q6045-E Mk II: f=4.44-142.6 mm, F1.6-4.41, Autofocus, 62.8° - 2.23° view
Day and night	Automatically removable infrared-cut filter
Minimum illumination	AXIS Q6042-E: Color: 0.5 lux at 30 IRE F1.4; B/W: 0.008 lux at 30 IRE F1.4 AXIS Q6044-E: Color: 0.2 lux at 30 IRE F1.4; B/W: 0.04 lux at 30 IRE F1.4 AXIS Q6045-E Mk II: Color: 0.3 lux at 30 IRE F1.6; B/W: 0.03 lux at 30 IRE F1.6
Shutter time	AXIS Q6042-E: 1/30000 s to 1.5 s (50 Hz), 1/30000 s to 0.5 s (60 Hz) AXIS Q6044-E: 1/10000 s to 1/4 s AXIS Q6045-E Mk II: 1/33000 s to 1/3 s (50 Hz), 1/33000 s to 1/4 s (60 Hz)
Pan/Tilt/Zoom	E-flip, 256 preset positions, Tour recording, Guard tour, Control queue, On-screen directional indicator, Set new pan 0° Pan: 360° endless, 0.05°-450°/s; Tilt: 220°, 0.05°-450°/s AXIS Q6042-E: 36x optical zoom and 12x digital zoom, total 432x zoom AXIS Q6044-E: 30x optical zoom and 12x digital zoom, total 360x zoom AXIS Q6045-E Mk II: 32x optical zoom and 12x digital zoom, total 384x zoom
Video	
Video compression	H.264 Main and Baseline Profiles (MPEG-4 Part 10/AVC) Motion JPEG
Resolutions	AXIS Q6042-E: Extended D1 736x576 to 176x144 (50 Hz), Extended D1 752x480 to 176x120 (60 Hz) AXIS Q6044-E: 1280x720 (HDTV 720p) to 320x180 AXIS Q6045-E Mk II: 1920x1080 (HDTV 1080p) to 320x180
Frame rate	H.264: Up to 25/30 fps (50/60 Hz) in all resolutions Motion JPEG: Up to 25/30 fps (50/60 Hz) in all resolutions AXIS Q6045-E Mk II: Up to 50/60 fps (50/60 Hz) in HDTV 720p
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264
Image settings	Wide dynamic range (WDR), Manual shutter time, Compression, Color, Brightness, Sharpness, White balance, Exposure control, Exposure zones, Backlight compensation, Fine tuning of behavior at low light, Rotation, Text and image overlay, 32 individual 3D privacy masks, Image freeze on PTZ AXIS Q6042-E: Electronic image stabilization AXIS Q6044-E: Electronic image stabilization, Automatic defog AXIS Q6045-E Mk II: Highlight compensation, Automatic defog
Network	
Security	Password protection, IP address filtering, HTTPS encryption, IEEE 802.1Xb network access control, Digest authentication, User access log, Centralized certificate management
Supported protocols	IPv4/v6, HTTP, HTTPS, SSL/TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, 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 Camera Connection. ONVIF Profile S, specification at www.onvif.org
Intelligent video	Video motion detection, Autotracking, Active Gatekeeper, AXIS Camera Application Platform enabling installation of additional applications AXIS Q6045-E Mk II: Basic analytics (not to be compared with third-party analytics): Object removed, Enter/exit detector, Fence detector, Object counter, Highlight compensation
Event triggers	Video motion detection, Shock detection, Fan, Heater, Temperature, Manual trigger, Autotracking, Moving, PTZ preset, Edge storage events, AXIS Camera Application Platform AXIS Q6045-E Mk II: Enter/exit, Fence detector, Object removed
Event actions	File upload: FTP, HTTP, network share and email Notification: email, HTTP and TCP PTZ preset, Guard tour, Autotracking, Day/night mode, Video recording to edge storage, Pre- and post-alarm video buffering
Built-in installation aids	Pixel counter
General	
Casing	IP66-, NEMA 4X- and IK10-rated metal casing (aluminum), polycarbonate (PC) clear dome, sunshield (PC/ASA)
Memory	512 MB RAM, 128 MB Flash
Power	High Power over Ethernet (High PoE), max. 60 W Axis High PoE 60 W Midspan 1-port: 100-240 V AC, max. 74 W
Connectors	RJ45 for 10BASE-T/100BASE-TX PoE RJ45 Push-pull Connector (IP66) included
Edge storage	SD/SDHC/SDXC slot supporting memory card up to 64 GB (card not included); support for recording to network share (network-attached storage or file server)
Operating conditions	With 30 W: -20 °C to 50 °C (-4 °F to 122 °F) With 60 W*: -50 °C to 50 °C (-58 °F to 122 °F) Humidity 10-100% RH (condensing) * Arctic Temperature Control enables camera start-up at temperatures as low as -50 °C (-58 °F)
Storage conditions	-50 °C to 60 °C (-58 °F to 140 °F)