AXIS Q6000-E Mk II PTZ Network Camera

Full 360° overview with one-click PTZ control

AXIS Q6000-E Mk II offers a full 360° overview and high detail in one click together with high pan/tilt/zoom precision when integrated with any outdoor-ready camera in the AXIS Q60 Series or AXIS Q61 Series (together with AXIS T94A01C Attachment kit). Its four 2-megapixel sensors provide a panoramic field of view over large areas. The standard lens can be replaced with either a 6 mm or a 16 mm lens, reaching HDTV 1080p resolution to focusing on an area of specific interest. The four camera heads offer flexible positioning with tilt functionality for maximum adjustment, according to the desired scene.

> Full 360° overview with one-click PTZ control
> Compatible with AXIS Q60-E/Q61-E PTZ Network Cameras
> Exchangeable M12 lenses
> Flexible camera heads with tilt functionality
> Axis Zipstream technology
AXIS Q6000-E Mk II PTZ Network Camera

Models
AXIS Q6000-E Mk II 50 Hz
AXIS Q6000-E Mk II 60 Hz

Camera
Supported products
AXIS Q600-E PTZ Network Cameras
AXIS Q61-E PTZ Network Cameras with T94A01C Attachment kit

Image sensor
2 MP Progressive scan RGB CMOS 4 x 1.28µ"

Lens
Fixed focus, Fixed iris, F2.0, Focal length: 1.37 mm Horizontal field of view default mode (4.3) 113° Horizontal field of view (16:9) 152° Vertical field of view (4:3 and 16:9) 85°

Light sensitivity
Color: 0.3 lux, F2.0
Shutter time
1/45000 s to 4 s

Camera angle adjustment
Pan: 4 x 90°
Tilt: –10° to –75°

Pan/Tilt/Zoom
Remote Gatekeeper, One-click PTZ control

Video
Video compression
H.264 (MPEG-4 Part 10/AVC), Baseline, and High profiles Motion JPEG

Resolution
Standard lenses:
4128x720 (HDTV 720p) to 320x180
Default: 960x720
Quad view: 1920x1440 (4:3) to 320x180
Optional lenses:
4 x 1920x1080 (HDTV 1080p) to 480x270
Default: 960x720

Frame rate
Up to 25/30 fps (50/60 Hz) @ 720p
Up to 12.5/15 fps (50/60 Hz) @ 1080p²

Video streaming
Multiple, individually configurable streams in H.264 and Motion JPEG
Axis Zipstream technology in H.264
Controllable frame rate and bandwidth
MHR H.264

Image settings
Resolution, compression, color level, brightness, sharpness, contrast, white balance, exposure value, exposure control, automatic backlight compensation, exposure zones, shutter effect gain fine tuning of behavior at normal and low light, privacy masks (maximum 4 per channel)

Network
Security
Password protection, IP address filtering, HTTPS® encryption, IEEE 802.1X® network access control, Digest authentication, User access log, Centralized Certificate Management

Supported protocols
IPv4/IPv6, HTTP, HTTPS®, SSL/TLS®, QoS Layer 3 DiffServ, FTP, SFTP, 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 (AVHS) with One-Click Connection ONVIF Profile S and ONVIF Profile G, specification at www.onvif.org

Analytics
AXIS Video motion detection, Active tampering alarm, Edge storage events, Shock detection
Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/accap

Event triggers

Event actions
File upload via FTP, HTTP, HTTPS, Network share and email Notification via 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
IP66- and NEMA 4X-rated, die-casted aluminum, polycarbonate dome

Sustainability
PVC free

Memory
1 GB RAM, 256 MB Flash

Power
AXIS Q6000-E Mk II with Solo kit:
Power consumption: typical 8 W, max 18 W
Axis Midspan 30 W 1-port: 100-240 V AC, max. 30 W
AXIS Q6000-E Mk II with AXIS Q60-E/Q61-E PTZ Network Cameras:
Axis High PoE midspan 1-port 100–240 V AC, max 60 W recommended (included in AXIS Q60-E/Q61-E PTZ Network Cameras).

Connectors
RIJ5 10BASE-T/100BASE-TX/1000BASE-T PoE
RIJ5 10BASE-T/100BASE-TX 80-EO61-E port
RIJ5 10BASE-T/100BASE-TX Service port

Storage
Support for SD/SDHC/SDXC card
SD card encryption
Support for recording to network-attached storage (NAS)
For SD card and NAS recommendations see www.axis.com

Operating conditions
–30 °C to 50 °C (–22 °F to 122 °F)
Absolute maximum temperature: 74 °C (165 °F) according to NEMA TS2 2016, 2.2.7
Humidity 10–100% RH (condensing)

Storage conditions
–40 °C to 65°C (–40 °F to 149 °F)

Approvals
EMC
EN 55032 Class A, EN 55024, IEC 62236-4, 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, RCM AS/NZ CISPR 22 Class A, KCN K22 Class A, KN24 Safety
IEC/EN/UL 60950-1, IEC/EN/UL 60950-22
Environment
EN 50581, IEC/EN 60529 IP66, IEC/EN 62262 1K10 (IK08 with AXIS Q61-E PTZ Network Cameras), NEMA 250 Type 4X, NEMA TS2 2016 (Subsection 2.2.7-2.2.9), 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

Dimensions
a 389 mm (15.5/16 in)
Height: 186 mm (7 5/16 in), 193 mm (7 5/8 in) incl AXIS Q6000-E Solo kit, 308 mm (12 1/8 in) incl AXIS Q60-E PTZ Network Camera, 350 mm (13 3/4 in) incl AXIS Q6128-E or Q6155-E PTZ Network Camera, 331 mm (13 1/16 in) incl AXIS Q6114-E or Q6115-E PTZ Network Camera

Weight
3.55 kg (7.8 lb)
7.2 kg (16 lb) including an AXIS Q60-E PTZ Network Camera
6.6 kg (14.55 lb) including an AXIS Q61-E PTZ Network Camera
4.2 kg (9.26 lb) including AXIS Q6000-E Solo kit

Included accessories
Ethernet adaptor, Bayonet screws, Installation Guide, Windows decoder 1-user license

Optional accessories
AXIS Lens M12 6 mm 5P, AXIS Lens M12 16 mm 5P, AXIS 181 Mounting accessories, AXIS Q6000-E Solo kit, Axis Midspan 30 W 1-port Axis Midspan 60 W 1-port

Video management software
AXIS Companion, AXIS Camera Station, Video management software from Axis Application Development Partners available on www.axis.com/support/downloads

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

Environmental responsibility:
axis.com/environmental-responsibility

©2016 - 2019 Axis Communications AB. AXIS COMMUNICATIONS, AXIS, and VAPIX are registered trademarks or trademark applications of Axis AB in various jurisdictions. All other company names and products are trademarks or registered trademarks of their respective companies. We reserve the right to introduce modifications without notice.