

## AXIS Q1604 Network Camera

For intense backlight conditions

AXIS Q1604 is an indoor fixed camera enabling clear identification of both people and objects, even in highly variable lighting conditions. With Wide Dynamic Range - Dynamic Capture, the camera provides homogeneous images without too dark or too bright parts. The remote back focus function enables fine-tuning of the focus from a computer, and the pixel counter helps verifying that the pixel resolution of an object or face fulfills regulatory or specific customer requirements. Power over Ethernet supplies power to the camera via the network, reducing installation costs. An SD/SDHC slot enables recordings to be stored locally.

- > [Wide Dynamic Range - Dynamic Capture](#)
- > [HDTV 720p](#)
- > [Remote back focus](#)
- > [Day/night functionality](#)



# AXIS Q1604 Network Camera

<b>Camera</b>		<b>Event triggers</b>	Analytics, Edge storage events, External input
<b>Image sensor</b>	Progressive scan RGB CMOS 1/3"	<b>Event actions</b>	File upload: FTP, SFTP, HTTP, HTTPS, network share and email, Send video clip Notification: email, HTTP, HTTPS and TCP Overlay text, Send SNMP Trap Video and audio recording to edge storage Pre- and post-alarm video buffering External output activation, Day/night vision mode, Play audio clip, Status LED, WDR mode
<b>Lens</b>	Varifocal, IR corrected, CS-mount, Megapixel resolution P-Iris 2.8-8 mm, F1.2 Horizontal angle of view: 100°-34°	<b>Data streaming</b>	Event data
<b>Day and night</b>	Automatically removable infrared-cut filter	<b>Built-in installation aids</b>	Focus assistant, Pixel counter, Remote back focus
<b>Minimum illumination</b>	Color: 0.1 lux, B/W: 0.02 lux, F1.2 <b>With WDR-Dynamic Capture:</b> Color: 0.4 lux, B/W: 0.06 lux, F1.2	<b>General</b>	
<b>Shutter time</b>	1/29500 to 2 s	<b>Casing</b>	Camera: Metal (zinc) Color: White NCS S 1002-B
<b>Video</b>		<b>Memory</b>	256 MB RAM, 128 MB Flash
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC), Main and Baseline Profile, Motion JPEG	<b>Power</b>	8-20 V DC or Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3, max. 6.9 W
<b>Resolutions</b>	1280x960 <sup>a</sup> (1 MP) to 160x90	<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX PoE, 3.5 mm mic/line in, 3.5 mm line out DC input Terminal block for 1 alarm input and 1 output
<b>Frame rate</b>	25/30 fps	<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>Video streaming</b>	Multiple, individually configurable streams in H.264/Motion JPEG, Controllable frame rate and bandwidth VBR H.264	<b>Operating conditions</b>	0 °C to 50 °C (32 °F to 122 °F) Humidity 10-85% RH (non-condensing)
<b>Image settings</b>	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Exposure zone, Backlight compensation, Fine tuning of behavior at low light, Text and image overlay, Privacy mask, Mirroring of images Rotation: Auto, 0°, 90°, 180°, 270° including Corridor Format WDR-Dynamic Capture: Up to 120 dB depending on scene, Day/Night shift level, Shadow and highlight recovery	<b>Approvals</b>	EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22 Class B, IEC/EN/UL 60950-1 KCC KN22 Class B, KN24
<b>Audio</b>		<b>Dimensions</b>	78 x 46 x 151 mm (3 1/16 x 1 13/16 x 5 15/16 in)
<b>Audio streaming</b>	Two-way	<b>Weight</b>	AXIS Q1604: 600 g (1.3 lb)
<b>Audio compression</b>	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate	<b>Included accessories</b>	Stand, Connector kit, Resistorx T20 tool, Installation Guide, Windows decoder 1-user license
<b>Audio input/output</b>	External microphone, input or line input, line output Built-in microphone (can be disabled)	<b>Optional accessories</b>	Axis optional lenses, AXIS T90B Illuminators, Axis network cable couplers, AXIS T8129 PoE Extender, AXIS T8120 Midspan 15 W 1-port
<b>Network</b>		<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>Security</b>	Password protection, IP address filtering, HTTPS <sup>b</sup> encryption, IEEE 802.1X <sup>b</sup> network access control, Digest authentication, User access log, Centralized Certificate Management	<b>Languages</b>	German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>b</sup> , SSL/TLS <sup>b</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	<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>
<b>System integration</b>		a. 1400x1050 (1.4 MP) scaled resolution available via VAPIX <sup>®</sup> b. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit ( <a href="http://www.openssl.org/">http://www.openssl.org/</a> ), and cryptographic software written by Eric Young ( <a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a> ).	
<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>More information is available at <a href="http://www.axis.com">www.axis.com</a></b>	
<b>Analytics</b>	Video motion detection, Active tampering alarm, Audio detection Support for AXIS Camera Application Platform enabling installation of AXIS Video Motion Detection 3, AXIS Cross Line Detection, AXIS Digital Autotracking and third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>		