

AXIS Q1656-BE Box Camera

Outdoor barebone model in 4 MP

With 4 MP resolution at up to 60 fps, a 1/1.8" sensor, and Lightfinder 2.0, AXIS Q1656-BE delivers exceptional video quality even in poor light conditions. Based on the latest Axis system-on-chip (SoC), it offers support for advanced features and applications based on deep learning on the edge. And AXIS Object Analytics provides highly nuanced object classification. With built-in cybersecurity features, it prevents unauthorized access and safeguards your system. This outdoor-ready barebone unit comes without lens and mounting, but with a variety of lenses, mounting options, and IR illumination kits, you can create a unique camera to meet your needs.

- > Exceptional images with 1/1.8" sensor
- > Support for analytics with deep learning
- > Built-in cybersecurity features
- > Support for i-CS lens
- > Ready to customize for specific needs







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ally removable infrared-cut filter		Defension
10 fee with Ferencia MDD and Linkfinder 2.0		Defogging Wide dynamic range
Automatically removable infrared-cut filter 4 MP 25/30 fps with Forensic WDR and Lightfinder 2.0 Color: 0.05 lux at 50 IRE, F1.5 B/W: 0.01 lux at 50 IRE. F1.5		Video streaming indicator Heater
4 MP 50/60 fps with Lightfinder 2.0 Color: 0.1 lux at 50 IRE, F1.5 B/W: 0.02 lux at 50 IRE, F1.5 Lens not included		Analytics, external input, supervised external input, edge storag events, virtual inputs through API Audio: audio detection Device status: above operating temperature, above or below operating temperature, IP address
to 1 s		removed, network lost, new IP address, shock detected, storage failure, system ready, within operating temperature, casing open
		Video: tampering, average bitrate degradation, day-night mode
		Edge storage: recording ongoing, storage disruption
RAM, 8194 MB Flash		I/O: digital input, manual trigger, virtual input PTZ: PTZ malfunctioning, PTZ movement, PTZ preset position
ing processing unit (DLPU)		ched, PTZ ready eduled and recurring: scheduled event
		Video: live stream open
'EG-4 Part 10/AVC) Baseline, Main and High Profiles 'EG-H Part 2/HEVC) Main Profile EG	Event actions	Overlay text, external output activation, play audio clip, zoom preset I/O: toggle I/O once, toggle I/O while the rule is active MQTT: publish Notification: HTTP, HTTPS, TCP, and email Pre- and post-alarm video or image buffering for recording or upload PTZ: PTZ preset, start/stop guard tour Record video: SD card and network share
3x1512 Quad HD to 160x90 1512 to 160x120		
Up to 60/50 fps (60/50 Hz) in all resolutions to 30/25 fps (60/50 Hz) in all resolutions		
ndividually configurable streams in H.264, H.265 and EG eam technology in H.264 and H.265		SNMP traps: send, send while the rule is active Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share, and email
le frame rate and bandwidth MBR H.264/H.265	Data streaming	Event data
aming indicator	Built-in	Remote back focus, leveling assistant, pixel counter
dividually cropped out view areas	installation aids Analytics	i-CS lens: Remote zoom and focus
, contrast, brightness, Forensic WDR: Up to 120 dB on scene, white balance, day/night threshold, tone exposure mode, exposure zones, defogging, barrel correction, electronic image stabilization, compression, 3°, 90°, 180°, 270° including Corridor Format, dynamic text and image overlay, polygon privacy mask	AXIS Object Analytics	Object classes: humans, vehicles (types: cars, buses, trucks, bikes) Trigger conditions: line crossing, object in area Up to 10 scenarios Metadata visualized with color-coded bounding boxes Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event
7, 2.5x optical zoom, preset positions e PTZ driver (Pelco D pre-installed)		
	Applications	Included
full duplex action		AXIS Object Analytics AXIS Video Motion Detection Supported
M, AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 kHz, Opus 8/16/48 kHz ole bit rate		Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
nicrophone input or line input, line output, ring power,	General Casing	IP66-, IP67-, and NEMA 4X-rated, IK10 impact-resistant
lio input, automatic gain control	Casing	aluminum enclosure with integrated dehumidifying membrane
		IK10 impact-resistant plastic front window
protection, IP address filtering, HTTPS ^a encryption, x (EAP-TLS) ^a network access control, digest stion, user access log, centralized certificate ent, brute force delay protection, signed firmware, st, Axis Edge Vault, Axis device ID, secure keystore (CC		weathershield with black anti-glare coating Color: white NCS S 1002-B For repainting instructions, go to the product's support page. For information about the impact on warranty, go to axis.com/warranty-implication-when-repainting.
fied), TPM (FIPS 140-2 certified)	Sustainability	
USGv6, HTTP, HTTPS ^a , HTTP/2, TLS ^a , QoS Layer 3 TP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP [®] , SNMP (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, 2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, MQTT	Power	Power over Ethernet (PoE) IEEE 802.3at Type 2 Class 4 Typical 11.8 W, max 12.95 W 10–28 V DC, typical 11.2 W, max 25.2 W Power redundancy
log	Connectors	RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE
for software integration, including VAPIX® and era Application Platform; specifications at axis.com cloud connection		Terminal block for two supervised and two unsupervised configurable inputs / digital outputs (12 V DC output, max load 50 mA) RS485/RS422, 2 pcs, 2 pos, full duplex, terminal block DC input, terminal block, 3.5 mm mic/line in, 3.5 mm line out i-CS connector (compatible with P-Iris and DC-iris)
		. 55 connector (companiore with 1 mis and DC-mis)
for era clo	software integration, including VAPIX® and Application Platform; specifications at <i>axis.com</i> ud connection le G, ONVIF® Profile M, ONVIF® Profile S, and	software integration, including VAPIX® and Application Platform; specifications at axis.com ud connection

www.cxis.com T10170083/EN/M5.2/2210

	Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Operating conditions	-40 °C to 60 °C (-40 °F to 140 °F) Arctic Temperature Control: Start-up at -40 °C (-40 °F) Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F) Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Approvals	EMC CISPR 24, CISPR 35, EN 55032 Class A, EN 55035, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), EN 50121-4, IEC 62236-4, KS C 9832 Class A, KS C 9815, KS C 9835, KS C 9547, RCM AS/NZS CISPR 32 Class A, VCCI Class A Safety IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC 62471, IS 13252 Environment Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66/IP67, IEC/EN 62262 IK10, NEMA 250 Type 4X, NEMA TS 2 (2.2.7-2.2.9), ISO 21207 (Method B) Network NIST SP500-267
Dimensions	404 x 159 x 182 mm (16 x 6.3 x 7.2 in)

Weight	3.3 kg (7.3 lb)
Included accessories	Sunshield, connector kit, resistorx® T20 tool, installation guide, Windows® decoder 1–user license
Optional accessories	AXIS T8415 Wireless Installation Tool AXIS Surveillance Cards For more accessories, see <i>axis.com</i>
Optional lenses	Lens CS 4-10 mm F0.9 P-Iris Lens i-CS 9-50 mm F1.5 8 MP Lens CS 12-50 mm F1.4 P-Iris 8 MP Lens i-CS 1/1.8" 3.9-10 mm F1.5
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese
Warranty	5-year warranty, see axis.com/warranty

 This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).

Environmental responsibility:

axis.com/environmental-responsibility

