

## AXIS Q1615 Mk II Network Camera

High-speed excellence with i-CS lens

AXIS Q1615 Mk II is equipped with an i-CS lens, enabling the camera to adjust zoom and focus during remote setup, resulting in easy and quick installation. The camera delivers enhanced Lightfinder technology and WDR – Forensic Capture, optimizing video for forensic purposes in scenes with complex lightning. With up to 50/60 fps in HDTV 1080p and up to 100/120 fps in HDTV 720p, the camera captures all fast moving objects and people in sharp video. Furthermore, the camera features Scene Profiles with Forensic, Live and Traffic Overview profiles, allowing for automatic adjustment of image settings to meet specific surveillance needs.

- > Support for i-CS lens
- > Scene Profiles with automatically adjusted image settings
- > Lightfinder technology and WDR Forensic Capture
- > Electronic Image Stabilization
- > Axis' Zipstream technology







## AXIS Q1615 Mk II Network Camera

Camera	
Image sensor	Progressive scan RGB CMOS 1/2.8"
Lens	Varifocal, IR corrected, CS-mount
	2.8–8.5 mm, F1.2
	HDTV 720p:
	Horizontal field of view: 74°–26° Vertical field of view: 41°–15°
	HDTV 1080p:
	Horizontal field of view: 115°–39° Vertical field of view: 61°–22°
	i-CS lens
Day and night	Automatically removable infrared-cut filter
Minimum	HDTV 1080p 25/30 fps:
illumination	Color: 0.11 lux, B/W: 0.02 lux, at 50 IRE F1.2
	HDTV 1080p 50/60 fps: Color 0.22 lux, B/W: 0.04 lux, at 50 IRE F1.2
	HDTV 720p 100/120 fps:
	Color 0.44 lux, B/W: 0.09 lux, at 50 IRE F1.2
Shutter time	1/143000 to 2 s
Pan/Tilt/Zoom	Digital PTZ, Uploadable PTZ driver (Pelco D pre-installed)
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profile,
•	Motion JPEG
Resolutions	HDTV 720p 100/120 fps (no WDR): 1280x720 to 160x90 HDTV 1080p 25/30 fps (WDR): 1920x1080 to 160x90
	HDTV 1080p 50/60 fps (no WDR): 1920x1080 to 160x90
Frame rate	Up to 100/120 fps (50/60 Hz) in 720p (no WDR)
Video streaming	Multiple, individually configurable streams in H.264 and Motion
	JPEG Controllable frame rate and bandwidth
	Axis' Zipstream technology in H.264
	VBR/MBR H.264
Image settings	Compression, Color, Brightness, Sharpness, Contrast, White
	balance, Exposure control, Exposure zone, Fine tuning of behavio at low light, Text and image overlay, Privacy mask, Mirroring
	of images
	Rotation: Auto, 0°, 90°, 180°, 270° including Corridor Format
	WDR – forensic capture: Up to 120 dB depending on scene,
	Barrel distortion correction, Day/Night shift level, Electronic Image Stabilization, Local contrast, Defogging
	Scene Profiles: Forensic profile, Live profile, Traffic Overview
	profile
Audio	
Audio streaming	
Audio compression	AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz
	Configurable bit rate
Audio input/output	Built-in microphone (can be disabled)
mpagoatput	External balanced/unbalanced microphone or line input line
	External balanced/unbalanced microphone or line input, line output
Network	
Network Security	output Password protection, IP address filtering, HTTPS <sup>a</sup> encryption,
	output Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, Use
Security	output Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, Use access log, Centralized Certificate Management
Security Supported	output Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, Use access log, Centralized Certificate Management IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP,
Security	output Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, Use access log, Centralized Certificate Management IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</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,
Security Supported	output Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, Use access log, Centralized Certificate Management IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMPv1/v2c/v3 (MIB-II),
Security Supported protocols System integro	output Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, Use access log, Centralized Certificate Management IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</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>ttion</b>
Security Supported protocols System integro Application	output Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, Use access log, Centralized Certificate Management IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</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>ttion</b> Open API for software integration, including VAPIX <sup>®</sup>
Security Supported protocols System integro Application Programming	output Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, Use access log, Centralized Certificate Management IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</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>ttion</b> Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at
Security Supported protocols System integro Application	output Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, Use access log, Centralized Certificate Management IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</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>ttion</b> Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <i>www.axis.com</i> AXIS Video Hosting System (AVHS) with One-Click Connection
Security Supported protocols System integro Application Programming Interface	output Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, Use access log, Centralized Certificate Management IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</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>ttion</b> Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>www.axis.com</i> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <i>www.onvif.org</i>
Security Supported protocols System integro Application Programming	output Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, Use access log, Centralized Certificate Management IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</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>ttion</b> Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <i>www.axis.com</i> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <i>www.onvif.org</i> AXIS Video Motion Detection 3, Active tampering alarm, Audio detection
Security Supported protocols System integro Application Programming Interface	output Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, Use access log, Centralized Certificate Management IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</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>ttion</b> Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <i>www.axis.com</i> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <i>www.onvif.org</i> AXIS Video Motion Detection 3, Active tampering alarm, Audio detection Support for AXIS Camera Application Platform enabling
Security Supported protocols System integro Application Programming Interface	output Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, Use access log, Centralized Certificate Management IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</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>ttion</b> Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>www.axis.com</i> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <i>www.onvif.org</i> AXIS Video Motion Detection 3, Active tampering alarm, Audio detection Support for AXIS Camera Application Platform enabling installation of AXIS Cross Line Detection, AXIS
Security Supported protocols System integro Application Programming Interface	output Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, Use access log, Centralized Certificate Management IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</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>ttion</b> Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <i>www.axis.com</i> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <i>www.onvif.org</i> AXIS Video Motion Detection 3, Active tampering alarm, Audio detection Support for AXIS Camera Application Platform enabling
Security Supported protocols System integro Application Programming Interface	output Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, Use access log, Centralized Certificate Management IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , OoS 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>ttion</b> Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>www.axis.com</i> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <i>www.onvif.org</i> AXIS Video Motion Detection 3, Active tampering alarm, Audio detection Support for AXIS Camera Application Platform enabling installation of AXIS Cross Line Detection, AXIS Digital Autotracking and third-party applications, see

	Manual Trigger, Virtual Inputs, PTZ Control, System Ready, Schedule
Event actions	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 Defog Mode, PTZ Control
Data streaming	Event data
Built-in	i-CS: Remote zoom and focus
installation aids	Other lens: Remote back focus
	Camera orientation aid Traffic Wizard
	Pixel counter
General	
Casing	Casing: Metal (zinc) Color lid: Silver RAL 9006
	Color chassi: Black - NCS S 9000-N
Sustainability	PVC free
Memory	512 MB RAM, 256 MB Flash
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, 7.1 W Typical 4.4 W
	8-28 V DC, 6.9 W Typical 4.3 W
Connectors	RJ45 10BASE-T/100BASE-TX PoE, 3.5 mm mic/line in, 3.5 mm lin
	out DC input
	RS485/RS422, Terminal block for two configurable inputs/output
	(12 V DC output, max load 50 mA)
Storage	Support for microSD/microSDHC/microSDXC card
	Support for recording to dedicated network-attached storage (NAS)
	For SD card and NAS recommendations see www.axis.com
Operating	0 °C to 55 °C (32 °F to 131 °F)
conditions	Humidity 10-85% RH (non-condensing) Up to 60 °C (140 °F) when mounted inside AXIS T92E20 Housing
Storage	-40 °C to 65 °C (-40 °F to 149 °F)
conditions	
Approvals	EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 55024,
	EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, C-tick AS/NZS CISPR 22 Class A
	IEC/EN/UL 60950-1
	KCC KN32 Class A, KN35
Dimensions	82 x 58 x 136 mm (3 1/4 x 2 1/4 x 5 3/8 in)
Weight	750 g (1.7 lb)
Included accessories	Stand Connector kit, Resistorx T20 tool, Installation Guide, Windows
accessories	decoder 1-user license
Optional	Axis optional lenses, AXIS T90B Illuminators,
accessories	Axis network cable couplers, AXIS T8129 PoE Extender, AXIS T8120 Midspan 15 W 1-port
Video	AXIS Camera Companion, AXIS Camera Station, Video
management software	management software from Axis' Application Development Partners available on www.axis.com/techsup/software
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

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

Environmental responsibility:

www.axis.com/environmental-responsibility



