













## Axis video encoders

	1-channel video encoders					4- and 6-channel video encoders				
	<b>AXIS 241S</b> 	<b>AXIS M7001<sup>(2)</sup></b> 	<b>AXIS 243SA</b> 	<b>AXIS 247S</b> 	<b>AXIS Q7401<sup>(3)</sup></b> 	<b>AXIS 240Q</b> 	<b>AXIS 241Q<sup>(a)</sup></b> <b>AXIS 241QA<sup>(a)</sup></b> 	<b>AXIS Q7404</b> 	<b>AXIS 243Q</b> 	<b>AXIS Q7406</b> 
<b>Video compression</b>	MPEG-4 Motion JPEG	H.264 Motion JPEG	MPEG-4 Motion JPEG	MPEG-4 Motion JPEG	H.264 Motion JPEG	Motion JPEG	MPEG-4 Motion JPEG	H.264 Motion JPEG	MPEG-4 Motion JPEG	H.264 Motion JPEG
<b>Max video resolution (pixels)</b>	4CIF: 704x480 (NTSC) 704x576 (PAL)	D1: 720x480 (NTSC) 720x576 (PAL)	4CIF: 704x480 (NTSC) 704x576 (PAL)	4CIF: 704x480 (NTSC) 704x576 (PAL)	D1: 720x480 (NTSC) 720x576 (PAL)	4CIF: 704x480 (NTSC) 704x576 (PAL)	4CIF: 704x480 (NTSC) 704x576 (PAL)	D1: 720x480 (NTSC) 720x576 (PAL)	4CIF: 704x480 (NTSC) 704x576 (PAL)	D1: 720x480 (NTSC) 720x576 (PAL)
<b>Frames per second H.264 (NTSC/PAL) in maximum resolution</b>		30/25 (D1)			30/25 (D1)			30/25 (D1)		30/25 (D1) per channel
<b>Frames per second Motion JPEG (NTSC/PAL) in maximum resolution</b>	30/25 (4CIF)	30/25 (D1)	30/25 (4CIF)	30/25 (4CIF)	30/25 (D1)	6/5 (4CIF) per channel	30/25 (4CIF) using 1 channel, 30/25 (CIF) per channel using 4 channels	30/25 (D1)	30/25 (4CIF) per channel	30/25 (D1) per channel
<b>Frames per second MPEG-4 (NTSC/PAL) in maximum resolution</b>	21/17 (4CIF) 30/25 (2CIF)		30/25 (4CIF)	27/23 (4CIF) 30/25 (VGA)			21/17 (4CIF) using 1 channel, 20/17 (CIF) per channel using 4 channels		30/25 (4CIF) per channel	
<b>Video source</b>	1 BNC composite or Y/C video input <sup>(1)</sup>	1 BNC composite input	1 BNC composite or Y/C video input <sup>(1)</sup>	1 BNC composite input	1 BNC composite input	4 BNC composite inputs	4 BNC composite inputs	4 BNC composite inputs	4 BNC composite inputs	6 BNC composite inputs
<b>Audio support</b>			Two-way	One-way	Two-way		Two-way <sup>(a)</sup>	Two-way on one channel		
<b>Alarm in-/outputs</b>	4/4		4/4	1/1	4 configurable inputs/outputs	4/4	4/4	2 configurable inputs/outputs per channel	4/4	2 configurable inputs/ outputs per channel
<b>Intelligent video</b>	Motion detection Tampering alarm	Motion detection	Motion detection Audio detection Tampering alarm	Motion detection Audio detection	Motion detection Audio detection Tampering alarm	Motion detection	Motion detection Audio detection <sup>(a)</sup> Tampering alarm	Motion detection Audio detection Tampering alarm	Motion detection Tampering alarm	Motion detection Tampering alarm
<b>Pan/tilt/zoom support</b>	●	●	●		●	●	●	●	●	●
<b>Security</b>	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X
<b>Network</b>	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS
<b>Power over Ethernet (IEEE 802.3af)</b>		Class 2, supports power output for small covert camera		Class 2/3, supports power output for analog camera	Class 2/3, supports power output for analog camera					
<b>Serial connectors</b>	RS-232, RS-485	RS-422/RS-485	RS-232, RS-485		RS-422/RS-485	RS-232, RS-485	RS-232, RS-485	RS-422/RS-485	RS-485	RS-485
<b>Standalone version</b>	●	●	●	●	●	●	●	●		
<b>Blade version</b>	●					●	● <sup>(a)</sup>		●	●

Notations (a) and (b) refer to the corresponding product models for the column; 1) Y/C video requires converter cable; 2) Covert camera included in AXIS M7001 Covert Surveillance Kit; 3) Supports local storage with SD/SDHC card

## Rack solutions

Designed for high-density installations, Axis video encoder rack solutions accommodate multiple video encoder blades in the same rack.

	AXIS 291 1U Video Server Rack	AXIS Video Server Rack	AXIS Q7900 Rack
			
<b>Number of slots</b>	3	12	14
<b>Blades supported</b>	AXIS 240Q AXIS 241Q AXIS 241S AXIS 243Q AXIS Q7406	AXIS 240Q AXIS 241Q AXIS 241S	AXIS 240Q AXIS 241Q AXIS 241S AXIS 243Q AXIS Q7406
<b>Maximum number of channels</b>	18	48	84
<b>Rack size</b>	1U	3U	4U
<b>Rack width</b>	19"	19"	19"
<b>Built-in power supply</b>	Power supply	Replaceable power supply	Two redundant power supplies
<b>Network</b>	One Ethernet 10BASE-T/ 100BASE-TX/1000BASE-T (Gigabit Ethernet) port	One Ethernet 10BASE-T/ 100BASE-TX port per blade	Four Ethernet 10BASE-T/ 100BASE-TX/1000BASE-T (Gigabit Ethernet) ports

For more information, visit [www.axis.com/products/video/video\\_server/](http://www.axis.com/products/video/video_server/)

## Accessories

## AXIS 295 Video Surveillance Joystick



AXIS 295 Video Surveillance Joystick is a USB device designed for accurate control of Axis PTZ (pan/tilt/zoom) and PTZ dome network cameras. It features a three-axis, durable (Hall-effect) joystick and 12 programmable push-buttons. Easy to install, just connect the joystick to the USB port and control the Axis cameras.

## Illuminators



Illuminators for indoor/outdoor surveillance in low light or complete darkness.

## Power over Ethernet Midspans and Splitters



Axis Power over Ethernet (PoE) and High PoE midspans and splitters offer an easy, cost-effective solution for powering network video products without the need for power outlets and electrical cabling.

## Axis Video Decoder



Axis video decoder provides a simple monitoring solution by enabling analog or digital monitors to connect to and display live video from Axis network cameras and video encoders.

## AXIS P8221 Network I/O Audio Module



AXIS P8221 provides eight I/Os ports and audio capabilities to a network video surveillance system that either does not have such support or require additional support.

## AXIS T8412 Installation Display



AXIS T8412 is a battery-powered handheld device that greatly simplifies the field installation of both Axis network cameras and analog cameras. It displays live video from a camera and makes setting the viewing angle and focus at the installation site easier.

## Pan-Tilt Motor



YP3040 Pan-Tilt Motor can be used with AXIS Q1755 and AXIS Q1910/-E cameras to enable basic pan and tilt capability. The motor can be mounted on walls, both indoors and outdoors.

## Video management software

## AXIS Camera Station



Comprehensive, easy-to-use video management software for efficient installation of Axis network video products, and for monitoring, recording, playback and event management. Specially designed for Axis network cameras and video encoders.

## AXIS Camera Station One



Software solution for viewing and recording live video from a single Axis network camera. Available for free download.

For more information, visit [www.axis.com/products/video/software/](http://www.axis.com/products/video/software/)

## AXIS Camera Management



Powerful and efficient installation and management tool for Axis network video products. Available for free download.

## AXIS Mobile Monitor



AXIS Mobile Monitor software enables smartphones or Pocket PCs to quickly and easily access live video from Axis network video products. Available for free download.

## Axis' Application Development Partners



A wide variety of software solutions for video surveillance, remote monitoring or broadcasting are available from more than 500 Axis Application Development Partners.












## AXIS Camera Application Platform



AXIS Camera Application Platform involves compatible applications, typically intelligent video applications, that can be downloaded to Axis network video products.











Distributed by:

## Axis fixed dome network cameras





											
<b>Image sensor</b>	1/4" progressive scan CMOS	1/3" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/3" progressive scan CMOS	1/4" progressive scan CCD	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS
<b>Lens</b>	3.0 mm/F2.0 fixed iris	3.6 mm/F1.8 fixed iris	F2.0 fixed iris 3.0 mm <sup>(a)</sup> 2.9 mm <sup>(b)</sup>	Varifocal 2.8 - 10 mm/F1.3 DC-iris	Varifocal 2.8 - 10 mm/F1.3 DC-iris	Varifocal 2.8 - 10 mm/F1.3 DC-iris	Varifocal, DC-iris 2.8 - 5.8 mm/F1.4 <sup>(a)</sup> 9 - 22 mm/F1.5 <sup>(b)</sup>	Varifocal, DC-iris, remote focus and zoom 6mm: 2.5-6 mm/F1.2 12mm: 3.3-12 mm/F1.4	Varifocal, DC-iris, remote focus and zoom 6mm: 2.5-6 mm/F1.4 12mm: 3.3-12 mm/F1.6	Varifocal, DC-iris, remote focus and zoom 6mm: 2.5-6 mm/F1.2 <sup>(a)</sup> 12mm: 3.3-12 mm/F1.4 <sup>(a)</sup> 6mm: 2.5-6 mm/F1.4 <sup>(b)</sup> 12mm: 3.3-12 mm/F1.6 <sup>(b)</sup>	Varifocal, DC-iris, remote focus and zoom 6mm: 2.5-6 mm/F1.2 <sup>(a)</sup> 12mm: 3.3-12 mm/F1.4 <sup>(a)</sup> 6mm: 2.5-6 mm/F1.4 <sup>(b)</sup> 12mm: 3.3-12 mm/F1.6 <sup>(b)</sup>
<b>Horizontal angle of view</b>	66°	74°	66° <sup>(a)</sup> 80° <sup>(b)</sup>	20° - 73°	23° - 72°	27°-100°	36° - 75° <sup>(a)</sup> 10° - 22° <sup>(b)</sup>	6mm: 34° - 72° 12mm: 17° - 54°	6mm: 40° - 87° 12mm: 20° - 70°	6mm: 34° - 72° <sup>(a)</sup> , 12mm: 17° - 54° <sup>(a)</sup> 6mm: 40° - 87° <sup>(b)</sup> , 12mm: 20° - 70° <sup>(b)</sup>	6mm: 34° - 72° <sup>(a)</sup> , 12mm: 17° - 54° <sup>(a)</sup> 6mm: 40° - 87° <sup>(b)</sup> , 12mm: 20° - 70° <sup>(b)</sup>
<b>Day and night</b>							Automatic	Automatic	Automatic	Automatic	Automatic
<b>Min illumination/light sensitivity (lux)</b>	1.5 - 10,000	3 - 10,000	1 - 10,000	1	1	2	1 (color), 0.2 (B/W) <sup>(a)</sup> 1.5 (color), 0.3 (B/W) <sup>(b)</sup>	6mm: 0.2 (color), 0.04 (B/W) 12mm: 0.3 (color), 0.05 (B/W)	6mm: 0.3 (color), 0.05 (B/W) 12mm: 0.4 (color), 0.06 (B/W)	6mm: 0.2 (color), 0.04 (B/W) <sup>(a)</sup> 12mm: 0.3 (color), 0.05 (B/W) <sup>(a)</sup> 6mm: 0.3 (color), 0.05 (B/W) <sup>(b)</sup> 12mm: 0.4 (color), 0.06 (B/W) <sup>(b)</sup>	6mm: 0.2 (color), 0.04 (B/W) <sup>(a)</sup> 12mm: 0.3 (color), 0.05 (B/W) <sup>(a)</sup> 6mm: 0.3 (color), 0.05 (B/W) <sup>(b)</sup> 12mm: 0.4 (color), 0.06 (B/W) <sup>(b)</sup>
<b>Video compression</b>	MPEG-4 Motion JPEG	MPEG-4 Motion JPEG	H.264 Motion JPEG MPEG-4 <sup>(a)</sup>	MPEG-4 Motion JPEG	H.264 Motion JPEG	MPEG-4 Motion JPEG	MPEG-4 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG
<b>Max video resolution (pixels)</b>	640 x 480	1280 x 1024	640 x 480 <sup>(a)</sup> 1280 x 800 <sup>(b)</sup>	640 x 480	640 x 480	1280 x 1024	640 x 480	800 x 600	1280 x 800, HDTV 720p	800 x 600 <sup>(a)</sup> 1280 x 800, HDTV 720p <sup>(b)</sup>	800 x 600 <sup>(a)</sup> 1280 x 800, HDTV 720p <sup>(b)</sup>
<b>Frames per second</b>	30 (640x480)	12 (1280x1024)	30 (640x480) <sup>(a)</sup> 30 (1280x800) <sup>(b)</sup> 30 (HDTV 720p) <sup>(b)</sup>	30 (640x480)	30 (640x480)	12 (1280x1024) 30 (800x600)	30 (640x480)	30 (800x600)	30 (1280x800)	30 (800x600) <sup>(a)</sup> 30 (1280x800) <sup>(b)</sup>	30 (800x600) <sup>(a)</sup> 30 (1280x800) <sup>(b)</sup>
<b>Audio support</b>				Two-way, built-in mic	Two-way, built-in mic	Two-way, built-in mic		Two-way Built-in mic	Two-way Built-in mic	Two-way	Two-way
<b>Alarm in-/outputs</b>				1/1	1/1	1/1	2/1	1/1	1/1	1/1	1/1
<b>Intelligent video</b>	Motion detection Tampering alarm <sup>(b)</sup>	Motion detection Tampering alarm <sup>(b)</sup>	Motion detection Tampering alarm	Motion detection Audio detection Tampering alarm	Motion detection Audio detection Tampering alarm Application platform <sup>(1)</sup>	Motion detection Audio detection Tampering alarm	Motion detection Tampering alarm	Motion detection Audio detection Tampering alarm	Motion detection Audio detection Tampering alarm	Motion detection Audio detection Tampering alarm	Motion detection Audio detection Tampering alarm
<b>Security</b>	Multi-level passwords IP filtering HTTPS encryption	Multi-level passwords IP filtering HTTPS encryption	Multi-level passwords IP filtering HTTPS encryption	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X
<b>Network</b>	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS
<b>Power over Ethernet (IEEE 802.3af)</b>	Class 1	Class 1	Class 1	Class 1	Class 2	Class 1	Class 2 (without heater)	Class 2	Class 2	Class 2	Class 3
<b>Serial connectors</b>							RS-485				
<b>Outdoor use</b>							Outdoor ready				Outdoor ready
<b>Other</b>	IP66 rating, rugged, for mobile surveillance <sup>(b)</sup>	IP66 rating, rugged, for mobile surveillance <sup>(b)</sup>	Recessed mounting	Tamper resistant <sup>(a)</sup> Vandal resistant <sup>(b)</sup>	WDR, ONVIF Tamper resistant <sup>(a)</sup> Vandal resistant <sup>(b)</sup>	Tamper resistant <sup>(a)</sup> Vandal resistant <sup>(b)</sup>	Vandal resistant IP66 rating	WDR, SD/SDHC card slot Tamper resistant <sup>(a)</sup> Vandal resistant <sup>(b)</sup>	WDR, SD/SDHC card slot Tamper resistant <sup>(a)</sup> Vandal resistant <sup>(b)</sup>	WDR, SD/SDHC card slot Vandal resistant IP66 rating	WDR, SD/SDHC card slot Vandal resistant IP66 rating

Notations (a) and (b) refer to the corresponding product models for the column; 1) AXIS Camera Application Platform

## Axis fixed network cameras






										
<b>Image sensor</b>	1/4" progressive scan CMOS	1/3" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CCD	1/4" progressive scan CMOS	1/4" progressive scan CCD <sup>(a+b)</sup> 1/4" progressive scan CMOS <sup>(c)</sup>	1/3" progressive scan CMOS	1/3" progressive scan CCD	1/4" progressive scan CMOS
<b>Lens</b>	4 mm/F2.0 fixed iris	3.6 mm/F1.8 fixed iris	4.4 mm/F2.0 fixed iris	4.4 mm/F2.0 fixed iris	4 mm/F1.2 fixed iris, CS mount	4 mm/F1.2 fixed iris, CS mount	Varifocal 3 - 8 mm/F1.0 DC-iris, CS mount	Varifocal 3 - 8 mm/F1.0 DC-iris, CS mount	Varifocal 3 - 8 mm/F1.0 DC-iris, CS mount	Varifocal 3 - 8 mm/F1.4 DC-iris, CS mount Remote back focus
<b>Horizontal angle of view</b>	55°	74°	47°	47°	48°	42°	27° - 67°	37° - 93°	35° - 93°	25° - 59°
<b>Day and night</b>									Automatic	Automatic
<b>Min illumination/light sensitivity (lux)</b>	1 - 10,000	2 - 10,000	1 - 10,000	1 - 10,000 0 with LED on	1 - 10,000	0.6 - 30,000	0.75	1	0.65 (color) 0.08 (B/W)	0.3 (color) 0.05 (B/W)
<b>Video compression</b>	MPEG-4 Motion JPEG	MPEG-4 Motion JPEG	H.264 Motion JPEG MPEG-4	H.264 Motion JPEG MPEG-4	MPEG-4 Motion JPEG	H.264 Motion JPEG MPEG-4	MPEG-4 Motion JPEG	MPEG-4 Motion JPEG	MPEG-4 Motion JPEG	H.264 Motion JPEG
<b>Max video resolution (pixels)</b>	640 x 480	1280 x 1024	640 x 480	640 x 480	640 x 480	640 x 480	640 x 480	1280 x 1024	640 x 480	800 x 600
<b>Frames per second</b>	30 (640x480)	12 (1280x1024)	30 (640x480)	30 (640x480)	30 (640x480)	30 (640x480)	30 (640x480)	12 (1280x1024) 30 (800x600)	45 (640x480) 60 (480x360)	30 (800x600)
<b>Audio support</b>	One-way, built-in mic	One-way, built-in mic		Two-way, built-in mic and speaker	Two-way, built-in mic <sup>(b)</sup>	Two-way, built-in mic	Two-way, built-in mic <sup>(b+c)</sup>	Two-way, built-in mic		Two-way, built-in mic
<b>Alarm in-/outputs</b>	1/1	1/1			1/1	1/1	1/1	1/1	2/1	1/1
<b>Intelligent video</b>	Motion detection Audio detection	Motion detection Audio detection	Motion detection Tampering alarm	Motion detection Audio detection Tampering alarm	Motion detection Audio detection <sup>(b)</sup> Tampering alarm <sup>(b)</sup>	Motion detection Audio detection Tampering alarm	Motion detection Audio detection <sup>(b+c)</sup> Tampering alarm <sup>(b)</sup>	Motion detection Audio detection	Motion detection Tampering alarm	Motion detection Audio detection Tampering alarm
<b>Security</b>	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption	Multi-level passwords IP filtering HTTPS encryption	Multi-level passwords IP filtering HTTPS encryption <sup>(b)</sup> IEEE 802.1X <sup>(b)</sup>	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption <sup>(b+c)</sup> IEEE 802.1X <sup>(b+c)</sup>	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X
<b>Network</b>	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS
<b>Power over Ethernet (IEEE 802.3af)</b>	PoE splitter available	PoE splitter available	PoE splitter available	PoE splitter available	PoE splitter <sup>(a)</sup> Class 2 <sup>(b)</sup>	Class 1	Class 2	Class 2	Class 2	Class 2
<b>Serial connectors</b>									RS-232, RS-485	
<b>Outdoor use</b>						Requires housing	Requires housing	Requires housing	Requires housing	Requires housing
<b>Other</b>	Wireless	Wireless	Wireless <sup>(b)</sup>	Built-in PIR sensor, illumination LED, wireless	Changeable lens	Changeable lens, SD/SDHC card slot	Changeable lens Wireless <sup>(c)</sup>	Changeable lens	Changeable lens	Changeable lens, SD/SDHC card slot

Notations (a), (b) and (c) refer to the corresponding product models for the column

	AXIS P1344	AXIS 223M	AXIS P1346	AXIS Q1755
				
	1/4" progressive scan CMOS	1/2.7" progressive scan CCD	1/3" (effective) progressive scan CMOS	1/3" progressive scan CMOS
	Varifocal 3 - 8 mm/F1.2 DC-iris, CS mount Remote back focus	Varifocal 4 - 8 mm/F1.4 DC-iris, C mount <sup>(1)</sup>	Varifocal 4 - 10 mm/F1.8 P-Iris <sup>(2)</sup> , CS mount Remote back focus	5.1 - 51 mm/F1.8 auto iris and autofocus 10x optical zoom 12x digital zoom
	32° - 74°	38° - 72°	29° - 61°	5.4° - 50°
	Automatic	Automatic	Automatic	Automatic
	0.3 (color) 0.05 (B/W)	1.5 (color) 0.2 (B/W)	0.6 (color) 0.08 (B/W)	2 (color) 0.2 (B/W)
	H.264 Motion JPEG	MPEG-4 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG
	1280 x 800, HDTV 720p	1600 x 1200	2048 x 1536, HDTV 1080p	HDTV 1080i HDTV 720p
	30 (1280x800)	9 (1600x1200) 12 (1600x900)	20 (2048x1536), 30 (HDTV 1080p) 30 (1600x1200)	30/25
	Two-way, built-in mic	Two-way	Two-way, built-in mic	Two-way, built-in mic
	1/1	2/1	1/1	2 configurable inputs/outputs
	Motion detection Audio detection Tampering alarm	Motion detection Audio detection Tampering alarm	Motion detection Audio detection Tampering alarm	Motion detection Audio detection Tampering alarm Gatekeeper
	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X
	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS
	Class 2	Class 2	Class 3	Class 3
		RS-232, RS-485		RS-422/RS-485
	Requires housing	Requires housing	Requires housing	Requires housing
	Changeable lens, SD/SDHC card slot	Changeable lens	Changeable lens, multi-view streaming, SD/SDHC card slot	SD/SDHC card slot, analog video out, pan/tilt head support





1) AXIS 223M can use C/CS lens; 2) AXIS P1346 also supports DC-iris

## Axis pan/tilt/zoom network camera



	PTZ network cameras				
	AXIS 212 PTZ <sup>(a)</sup> AXIS 212 PTZ-V <sup>(b)</sup>	AXIS 213 PTZ	AXIS 214 PTZ	AXIS 215 PTZ	AXIS 215 PTZ-E
					
<b>Image sensor</b>	1/2" progressive scan CMOS	1/4" CCD	1/4" ExView HAD CCD	1/4" CCD	1/4" CCD
<b>Lens</b>	2.7 mm/F1.8 fixed iris 3x instant zoom	3.5 - 91 mm/F1.6 auto iris and autofocus 26x optical zoom 12x digital zoom	4.1 - 73.8 mm/F1.3 auto iris and autofocus 18x optical zoom 12x digital zoom	3.8 - 46 mm/F1.6 auto iris and autofocus 12x optical zoom 4x digital zoom	3.8 - 46 mm/F1.6 auto iris and autofocus 12x optical zoom 4x digital zoom
<b>Horizontal angle of view</b>	44° - 140°	1.7° - 47°	2.7° - 48°	4.4° - 51.6°	4.4° - 51.6°
<b>Day and night</b>		Configurable Built-in IR lamp	Automatic	Automatic	Automatic
<b>Min illumination/ light sensitivity (lux)</b>	10 lux wide mode 20 lux tele mode	1 (color) 0.1 (B/W)	0.3 (color) 0.005 (B/W)	1 (color) 0.3 (B/W)	1 (color) 0.3 (B/W)
<b>Video compression</b>	MPEG-4, Motion JPEG	MPEG-4, Motion JPEG	MPEG-4, Motion JPEG	MPEG-4, Motion JPEG	MPEG-4, Motion JPEG
<b>Max video resolution (pixels)</b>	640 x 480	4CIF: 704x480 (60 Hz), 704x576 (50 Hz)	4CIF: 704x480 (60 Hz), 704x576 (50 Hz)	4CIF: 704x480 (60 Hz), 704x576 (50 Hz)	4CIF: 704x480 (60 Hz), 704x576 (50 Hz)
<b>Frames per second (60/50 Hz)</b>	30 (640x480) at max. zoom	30/25 (4CIF)	30/25 (4CIF)	30/25 (4CIF)	30/25 (4CIF)
<b>Pan/Tilt/Zoom</b>	20 presets 140° pan 105° tilt Guard tour	20 presets 340° pan 100° tilt	20 presets 340° pan 120° tilt	20 presets 360° pan via Auto-flip 180° tilt	20 presets 360° pan via Auto-flip 180° tilt
<b>Audio support</b>	Two-way, built-in mic	Two-way with AXIS 213CM	Two-way	Two-way	
<b>Alarm in-/outputs</b>	1/1	2/3 with AXIS 213CM	1/1	1/1	
<b>Intelligent video</b>	Motion detection Audio detection	Motion detection	Motion detection Audio detection	Motion detection Audio detection	Motion detection
<b>Security</b>	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X
<b>Network</b>	IPv4/v6, QoS	IPv4	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS
<b>Power over Ethernet (PoE)</b>	PoE Class 1 (IEEE 802.3af)				
<b>Serial connectors</b>		RS-232 with AXIS 213CM			
<b>Outdoor use</b>		Requires housing	Requires housing	Requires housing	Outdoor ready
<b>Other</b>	Continuous motion 24/7 Vandal-resistant <sup>(b)</sup>	Built-in IR light Analog video out with AXIS 213CM		Auto-flip and E-flip	Auto-flip, E-flip, IP66 rating

Notations (a) and (b) refer to the corresponding product models for the column

IP cameras

	PTZ dome network cameras			
	AXIS P5534	AXIS 232D+	AXIS 233D	AXIS Q6032-E
				
	1/3" progressive scan CCD	1/4" ExView HAD CCD	1/4" ExView HAD progressive scan CCD	1/4" ExView HAD progressive scan CCD
	4.7 - 84.6 mm/F1.6 auto iris and autofocus 18x optical zoom 12x digital zoom	4.1 - 73.8 mm/F1.4 auto iris and autofocus 18x optical zoom 12x digital zoom	3.4 - 119 mm/F1.4 auto iris and autofocus 35x optical zoom 12x digital zoom	3.4 - 119 mm/F1.4 auto iris and autofocus 35x optical zoom 12x digital zoom
	3.2° - 55.2°	2.8° - 48°	1.73° - 55.8°	1.73° - 55.8°
	Automatic	Automatic	Automatic	Automatic
	0.74 (color) 0.04 (B/W)	0.3 (color) 0.005 (B/W)	0.5 (color) 0.008 (B/W)	0.5 (color) 0.008 (B/W)
	H.264, Motion JPEG	MPEG-4, Motion JPEG	MPEG-4, Motion JPEG	H.264, Motion JPEG
	HDTV 720p 1280 x 720	4CIF: 704x480 (60 Hz), 704x576 (50 Hz)	4CIF: 704x480 (60 Hz), 704x576 (50 Hz)	4CIF: 704x480 (60 Hz), 704x576 (50 Hz)
	30/25	30/25 (4CIF)	30/25 (4CIF)	30/25 (4CIF)
	100 presets 360° pan via Auto-flip 180° tilt Guard tour	50 presets 360° endless pan 90° tilt Guard tour	100 presets 360° endless pan 180° tilt Guard tour	100 presets 360° endless pan 220° tilt Guard tour
	Two-way with multi-connector cable		Two-way	
	4 configurable inputs/ outputs with multi-connector cable	4/4	4/4	
	Motion detection Audio detection Advanced Gatekeeper	Motion detection	Motion detection Audio detection Auto-tracking	Motion detection Auto-tracking
	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X
	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS
	High PoE (IEEE 802.3at) (Midspan supplied)			High PoE (IEEE 802.3at) (Midspan supplied)
	Requires housing	Requires housing	Requires housing	Outdoor ready
	Auto-flip, E-flip, IP51 rating	Continuous motion 24/7, WDR	Continuous motion 24/7, E-flip, image stabilizer, WDR	Continuous motion 24/7, E-flip, IP66 rating, image stabilizer, WDR, Arctic Temperature Control

Axis thermal network cameras

	AXIS Q1910	AXIS Q1910-E
		
<b>Image sensor</b>	Uncooled VOx Micro bolometer	Uncooled VOx Micro bolometer
<b>Lens</b>	13 mm/F1.25	13 mm/F1.25
<b>Horizontal angle of view</b>	17°	17°
<b>Sensitivity</b>	NetD < 100 mK	NetD < 100 mK
<b>Video compression</b>	H.264 Motion JPEG	H.264 Motion JPEG
<b>Max video resolution (pixels)</b>	160 x 128	160 x 128
<b>Frames per second</b>	8.33 (160x128)	8.33 (160x128)
<b>Audio support</b>	Two-way, built-in mic	Two-way
<b>Alarm in-/outputs</b>	2 configurable inputs/outputs	2 configurable inputs/outputs
<b>Intelligent video</b>	Motion detection Audio detection Tampering alarm Application platform <sup>(1)</sup>	Motion detection Audio detection Tampering alarm Application platform <sup>(1)</sup>
<b>Security</b>	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X
<b>Network</b>	IPv4/v6, QoS	IPv4/v6, QoS
<b>Power over Ethernet (IEEE 802.3af)</b>	Class 3	Class 3
<b>Serial connectors</b>	RS-422/RS-485	RS-422/RS-485
<b>Outdoor use</b>	Requires housing	Outdoor ready
<b>Other</b>	Palette setting	IP66 rating, palette setting

1) AXIS Camera Application Platform

Axis network camera housings

Axis network camera housings, worldwide

Product	Compatible with:
 <b>AXIS T95A Series Dome Housing</b> Aluminum construction Indoor/Outdoor AXIS T95A00: 100-230 V AC AXIS T95A10: 24 V AC	AXIS 213 PTZ, AXIS 214 PTZ, AXIS 215 PTZ, AXIS P5534, AXIS 231D+, AXIS 232D+, AXIS 233D
 <b>AXIS T92A Housing</b> Aluminum construction Indoor/outdoor AXIS T92A00: 100-240 V AC AXIS T92A10: 24 V AC AXIS T92A20: High PoE	AXIS 210 (indoors only), AXIS 210A (indoors only), AXIS P1311, AXIS 211, AXIS 211A, AXIS 211W, AXIS 211M, AXIS 221, AXIS P1343, AXIS P1344, AXIS 223M, AXIS P1346, AXIS Q1755

Axis network camera housings, Europe

		
<b>VT Vandal-Resistant Housing AVTPSC</b> Steel construction Indoor	<b>VT Verso Housing</b> Outdoor Housing Technopolymer plastic Indoor/outdoor	<b>VT DBH24K Dome Housing</b> Technopolymer plastic Indoor/outdoor

Axis network camera housings, North and Central America

	<b>Indoor Vandal Resistant Housings</b> Steel construction Indoor		<b>AXIS Fixed Wireless Housing</b> Aluminum construction Outdoor
	<b>AXIS Indoor Fixed Housing</b> Aluminum construction Indoor		<b>AXIS Pendant Dome Indoor</b> Plastic construction Indoor
	<b>AXIS Indoor Fixed Camera Dome</b> Steel construction Indoor		<b>AXIS Indoor Recessed Enclosure</b> Steel construction Indoor
	<b>AXIS 207 Ceiling-Mount Housing</b> Steel construction Indoor		<b>AXIS Pendant Dome Outdoor</b> Plastic construction Indoor/outdoor
	<b>AXIS Outdoor Fixed Housing</b> Aluminum construction Outdoor		<b>AXIS Pendant Vandal Dome</b> Aluminum construction Indoor

For more information, visit [www.axis.com/accessories](http://www.axis.com/accessories)