

Q1 2019

# Product comparison tables

Network video, audio and access control



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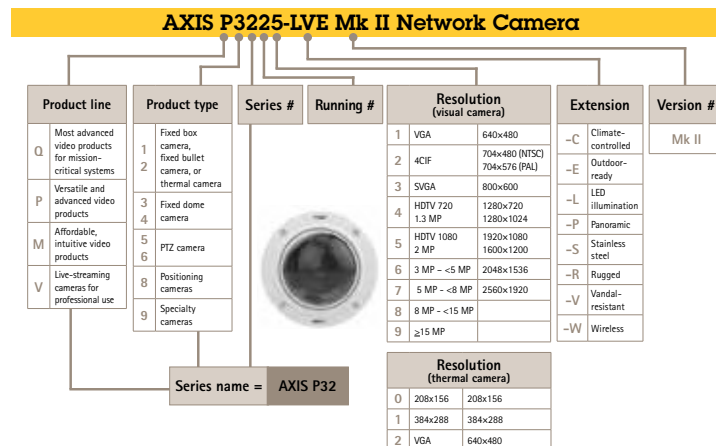
## 43. Technologies

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## Product naming structure - Guide

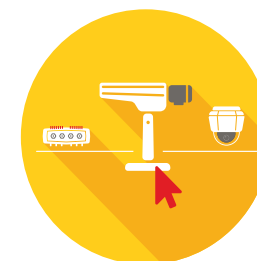
This guide explains Axis product naming structure in a comprehensive manner and gives useful information on the product and product features.

### Product naming structure guide



## Product selector

Go to the Axis product selector to find and compare our products, and choose the ones most suitable for your needs.



AXIS Product Selector

[www.axis.com/products/product-selector](http://www.axis.com/products/product-selector)

The image shows an offshore oil rig in the ocean. In the foreground, a silver, cylindrical camera is suspended, looking towards the rig. The rig is a complex of red and yellow structures on a platform. The ocean is blue with white-capped waves. A large yellow diagonal shape is overlaid on the right side of the image, containing the main text.

# Take hazardous conditions like a pro.

Whatever it takes, ExCam XPT Q6055 PTZ Explosion-Protected Network Camera gives you ease of integration to any existing surveillance systems. It delivers the sweeping overviews and superb zoomed-in detail you expect from a **top-of-the-line** PTZ camera from Axis, adapted for explosion-prone applications with **ATEX, IECEx and EAC** certifications. With low weight and profile, PoE support for plug-and-play installation, and pre-connected 5 m/16 ft armored cable and Ex e junction box for quick connection, ExCam XPT Q6055 offers significant savings.








Visit [www.axis.com/products/excam-xpt-q6055](http://www.axis.com/products/excam-xpt-q6055)

## Axis fixed box cameras









	AXIS Q16 Series						
	AXIS Q1659 <sup>1</sup>	AXIS Q1647	AXIS Q1647-LE	AXIS Q1645	AXIS Q1645-LE	AXIS Q1615 Mk II	AXIS Q1615-E Mk II
							
Max. video resolution	5472x3648 (20 MP)	3072x1728 (5.3 MP)	3072x1728 (5.3 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Lens / Horizontal field of view	24 mm: 50.1° 35 mm: 35.5° 50 mm: 25.3° 85 mm: 15° 100 mm: 12.8° 10-22 mm: 96.6°-54° 55-250 mm: 23.2-5.2° 70-200 mm: 18.2°-6.4°	3.9-10 mm, F1.5 110° - 44°	3.9 - 10 mm, F1.5 92°-44°	3.9-10 mm, F1.5 109° - 42°	3.9-10 mm, F1.5, 92°-42°	2.8 - 8.5 mm, F1.2, 115° - 39°	2.8 - 8.5 mm, F1.2, 72° - 39°
Day and night	✓	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.04/ 0.004	0.12/0.02	0.12/0.02	0.05/0.01	0.05/0.01	0.11/ 0.02	0.11/ 0.02
Max. frames per second	25	50/60	50/60	100/120	100/120	100/120	100/120
Audio support / Built-in mic	✓ / -	✓ / ✓	✓ / -	✓ / ✓	✓ / -	✓ / ✓	✓ / -
Product specific analytics (for standard analytics, see page 42)	Audio detection Standard analytics	Audio detection AXIS Guard Suite Standard analytics	Audio detection AXIS Guard Suite Standard analytics	Audio detection AXIS Guard Suite Standard analytics	Audio detection AXIS Guard Suite Standard analytics	Audio detection AXIS Guard Suite Standard analytics	Audio detection AXIS Guard Suite Standard analytics
Power	PoE Class 4, DC	PoE Class 3, DC	PoE Class 4	PoE Class 3, DC	PoE Class 4	PoE Class 3, DC	PoE Class 3
In-/output ports	2	4	4	4	4	2	2
Operating temperature	0 °C to 45 °C (32 °F to 122 °F)	-20°C to 60°C (-4°F to 140°F)	-40 °C to 60 °C (-40 °F to 140 °F)	-20°C to 60°C (-4°F to 140°F)	-40 °C to 60 °C (-40 °F to 140 °F)	0 °C to 55 °C (32 °F to 131 °F)	-30 °C to 60 °C (-22 °F to 140 °F) with PoE
Outdoor ready approvals	-	-	IP66, IP67, NEMA 4X	-	IP66, IP67, NEMA 4X	-	IP66/NEMA 4X
WDR	Dynamic contrast	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic Capture	Forensic Capture
Lightfinder	✓	✓	✓	✓	✓	✓	✓
Zipstream	✓	✓	✓	✓	✓	✓	✓
OptimizedIR / Built-in IR	- / -	- / -	✓ / ✓	- / -	✓ / ✓	- / -	- / -
Special features	Compatible with EF/EF-S lenses SFP slot	Electronic image stabilization i-CS lens, Defogging 1/2" Sensor, Orientation aid Shock detection Scene profiles	Electronic image stabilization i-CS lens, Defogging 1/2" sensor, Orientation aid Shock detection IK10 Scene profiles	Electronic image stabilization i-CS lens, Defogging 1/2" Sensor, Orientation aid Shock detection Scene profiles	Electronic image stabilization i-CS lens, Defogging 1/2" sensor, Orientation aid Shock detection IK10 Scene profiles	Electronic image stabilization i-CS lens, Defogging Shock detection Scene profiles	Electronic image stabilization IK10, i-CS lens, Defogging Shock detection Scene profiles

1. Outdoor ready with AXIS T93C10 Outdoor Housing












## Axis fixed box cameras

	AXIS P13 Series						
	AXIS P1368-E 	AXIS P1367 	AXIS P1367-E 	AXIS P1365 Mk II 	AXIS P1365-E Mk II 	AXIS P1364 	AXIS P1364-E 
Max. video resolution	3840x2160 (8.3 MP)	3072x1728 (5.3 MP)	3072x1728 (5.3 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x960 (1.3 MP)	1280x960 (1.3 MP)
Lens/ Horizontal field of view	2.8 - 8.5 mm, F1.2, 72° - 45°	2.8 - 8.5 mm, F1.2, 104° - 36°	2.8 - 8.5 mm, F1.2, 72° - 36°	2.8 - 8 mm, F1.3, 112° - 39°	2.8 - 8 mm, F1.3, 84° - 39°	2.8 - 8.5 mm, F1.3, 92.3° - 33.3°	2.8 - 8.5 mm, F1.3, 83° - 33.3°
Day and night	✓	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.16/ 0.03	0.15/ 0.03	0.15/ 0.03	0.11/ 0.01	0.11/ 0.01	0.1/ 0.01	0.1/ 0.01
Max. frames per second	25/30	25/30	25/30	50/60	50/60	50/60	50/60
Audio support/ Built-in mic	✓ / -	✓ / ✓	✓ / -	✓ / ✓	✓ / -	✓ / ✓	✓ / -
Product specific analytics (for standard analytics, see page 42)	Audio detection Standard analytics	Audio detection Standard analytics	Audio detection Standard analytics	Audio detection Standard analytics	Audio detection Standard analytics	Audio detection Standard analytics	Audio detection Standard analytics
Power	PoE Class 3	PoE Class 3, DC	PoE Class 3	PoE Class 3, DC	PoE Class 3	PoE Class 3, DC	PoE Class 3
In-/output ports	2	2	2	2	2	2	2
Operating temperature	-40 °C to 55 °C (-40 °F to 131 °F)	0 °C to 50 °C (32 °F to 122 °F)	-40 °C to 55 °C (-40 °F to 131 °F)	0 °C to 55 °C (32 °F to 131 °F)	-40 °C to 50 °C (-40 °F to 122 °F)	0 °C to 55 °C (32 °F to 131 °F)	-40 °C to 50 °C (-40 °F to 122 °F)
Outdoor ready approval	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X
WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic Capture	Forensic Capture	Forensic Capture	Forensic Capture
Lightfinder	✓	✓	✓	✓	✓	✓	✓
Zipstream	✓	✓	✓	✓	✓	✓	✓
Optimized IR / Built-in IR	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Special features	IK10 i-CS lens	-	IK10	-	IK10	-	IK10

## Axis fixed box cameras

	AXIS M11 Series					AXIS M10 Series		
	AXIS M1145-L	AXIS M1125	AXIS M1125-E	AXIS M1124	AXIS M1124-E	AXIS M1065-L	AXIS M1065-LW	AXIS M1045-LW
								
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1.3 MP)	1280x720 (1.3 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Lens/ Horizontal field of view	3 - 10.5 mm, F1.4, 95° - 34°	3 - 10.5 mm, F1.4, 91° - 32°	3 - 10.5 mm, F1.4, 91° - 32°	3 - 10.5 mm, F1.4, 91° - 32°	3 - 10.5 mm, F1.4, 91° - 32°	2.8 mm, F2.0, 110°	2.8 mm, F2.0, 110°	2.8 mm, F2.0, 110°
Day and night	✓	✓	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.4/ 0.08	0.25/ 0.05	0.25/ 0.05	0.25/ 0.05	0.25/ 0.05	0.25/ 0.05	0.25/ 0.05	0.25/ 0.05
Max. frames per second	25/30	25/30	25/30	25/30	25/30	25/30	25/30	25/30
Audio support/ Built-in mic	- / -	- / -	- / -	- / -	- / -	✓ / ✓	✓ / ✓	- / -
Product specific analytics (for standard analytics, see page 42)	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Audio detection, Standard analytics	Audio detection, Standard analytics	Standard analytics
Power	PoE Class 3	PoE Class 2, DC	PoE Class 2, DC	PoE Class 2, DC	PoE Class 2, DC	PoE Class 2, DC	DC	DC
In-/output ports	1/1	1/1	1/1	1/1	1/1	-	-	-
Operating temperature	0 °C to 50 °C (32 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)
Outdoor ready approval	-	-	IP66/NEMA 4X	-	IP66/NEMA 4X	-	-	-
WDR	Dynamic contrast	Forensic Capture	Forensic Capture	Forensic Capture	Forensic Capture	WDR	WDR	WDR
Lightfinder	-	-	-	-	-	-	-	-
Zipstream	-	✓	✓	✓	✓	✓	✓	✓
OptimizedIR/Built-in IR	✓ / ✓	- / -	- / -	- / -	- / -	- / ✓	- / ✓	- / ✓
Special features	-	-	IK10	-	IK10	Built-in PIR	Built-in PIR WLAN	WLAN

## Axis fixed bullet cameras

	AXIS Q17 Series				AXIS P14 Series				AXIS M20 Series		
	AXIS Q1786-LE	AXIS Q1785-LE	AXIS Q1765-LE	AXIS Q1765-LE PT Mount	AXIS P1448-LE	AXIS P1447-LE	AXIS P1445-LE-3 Licence Plate Verifier Kit	AXIS P1445-LE	AXIS P1435-LE	AXIS M2026-LE Mk II	AXIS M2025-LE
											
Max. video resolution	2560x1440 (3.7 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	3840x2160 (8.5 MP)	3072x1728 (5.3 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	2688x1520 (4.1 MP)	1920x1080 (2.1 MP)
Lens/ Horizontal field of view	4.3 - 137 mm, F1.4 - 4.0, 60° - 2.3°	4.3 - 137 mm, F1.4 - 4.0, 60° - 2.3°	4.7 - 84.6 mm, F1.6 - 2.8, 59° - 4°	4.7 - 84.6 mm, F1.6 - 2.8, 59° - 4°	2.8 - 9.8 mm, F1.6, 109° - 37°	2.8 - 8.5 mm, F1.2, 104° - 36°	2.8-8.5 mm, F1.2 120° - 38°	2.8-8.5 mm, F1.2 110° - 38°	3 - 10.5 mm, F1.4, 95°-35° 10 - 22 mm, F1.85, 34.5° - 18°	2.4 mm, F2.2, 130°	2.8 mm, F2.0, 115°
Day and night	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.18/0.04	0.16/0.03	0.5/ 0.04	0.5/ 0.04	0.18/ 0.04	0.15/0.03	0.15/0.03	0.07/0.01	0.12/ 0.01	0.3/ 0.06	0.2/ 0.04
Max. frames per second	50/60	50/60	25/30	25/30	25/30	25/30	25/30	25/30	50/60	25/30	25/30
Optical zoom	32x	32x	18x	18x	3.5x	3x	3x	3x	10.5mm: 3.5x 22mm: 2x	-	-
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / -	- / -	✓ / -	✓ / -	✓ / -	✓ / ✓	- / -	- / -	- / -
Product specific analytics (for standard analytics, see page 42)	AXIS Guard Suite Audio detection Gatekeeper Standard analytics	AXIS Guard Suite Audio detection Gatekeeper Standard analytics	Audio detection Gatekeeper Standard analytics	Gatekeeper Standard analytics	Audio detection Standard analytics	Audio detection Standard analytics	AXIS License Plate Verifier Audio detection Standard analytics	Audio detection Standard analytics	Standard analytics	Standard analytics	Standard analytics
Power	PoE Class 3, AC, DC	PoE Class 3, AC, DC	PoE Class 3, AC, DC	PoE Class 3, AC, DC	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 2
In-/output ports	2	2	2	-	1/1	1/1	1/1	1/1	1/1	-	-
Operating temperature	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 50 °C (-40 °F to 122 °F)	-40 °C to 50 °C (-40 °F to 122 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 50 °C (-22 °F to 122 °F)	-30 °C to 50 °C (-22 °F to 122 °F)
Outdoor ready approvals	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	P66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X
WDR	Forensic WDR	Forensic WDR	Dynamic contrast	Dynamic contrast	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic Capture	WDR	Forensic Capture
Lightfinder	✓	✓	-	-	✓	✓	✓	✓	✓	-	-
Zipstream	✓	✓	-	-	✓	✓	✓	✓	✓	✓	✓
OptimizedIR/Built-in IR	✓ / ✓	✓ / ✓	- / ✓	- / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	- / ✓	- / ✓
Special features	Electronic image stabilization, IK10, defogging	Electronic image stabilization, IK10, defogging	-	-	IK10	IK10	IK10	IK10	IK08	IK08	IK08

## Axis modular cameras

	AXIS F Series											
	AXIS F44 Dual Audio Input	AXIS F41	AXIS F34	AXIS F8804 <sup>1</sup>	AXIS F4005 <sup>2</sup>	AXIS F4005-E <sup>2</sup>	AXIS F1035-E <sup>2</sup>	AXIS F1025 <sup>2</sup>	AXIS F1015 <sup>2</sup>	AXIS F1005-E <sup>2</sup>	AXIS F1004 <sup>2</sup> AXIS F1004 Bullet <sup>2</sup>	AXIS F1004 Pinhole <sup>2</sup>
<b>Max. video resolution</b>	1920x1080 (2.1 MP)	1920x1200 (2.3 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)	1920x1200 (2.3 MP)	1920x1200 (2.3 MP)	1920x1200 (2.3 MP)	1920x1200 (2.3 MP)	1920x1200 (2.3 MP)	1920x1200 (2.3 MP)	1280x720 (1 MP)	1280x720 (1 MP)
<b>Lens/ Horizontal field of view</b>	-	-	-	2.1 mm, F2.2, 102°	2.8 mm, F2.0, 113° <sup>3</sup>	2.8 mm, F2.0, 110° <sup>3</sup>	1.3 mm, F2.8, 194° <sup>3</sup>	3.7 mm, F2.5, 92° <sup>3</sup>	3-6 mm, F2.0, 108° - 53° <sup>3</sup>	2.8 mm, F2.0, 113° <sup>3</sup>	2.1 mm, F2.2, 102°	3.7 mm, F2.5, 57°
<b>Day and night</b>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Min. illumination (lux) Color/B&amp;W</b>	-	-	-	0.4/-	0.3/-	0.3/-	0.3/-	0.3/-	0.3/-	0.3/-	0.4/-	0.5/-
<b>Max. frames per second</b>	25/30	50/60	25/30	25/30	50/60	50/60	50/60	50/60	50/60	50/60	25/30	25/30
<b>Audio support/ Built-in mic</b>	✓ / -	✓ / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Product specific analytics for standard analytics, see page 42)</b>	Audio detection Standard analytics	Audio detection Standard analytics	Standard analytics	-	-	-	-	-	-	-	-	-
<b>Power</b>	PoE Class 3, DC	PoE Class 3, DC	PoE Class 3, DC	-	-	-	-	-	-	-	-	-
<b>In-/output ports</b>	4	4	-	-	-	-	-	-	-	-	-	-
<b>Operating temperature</b>	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	0 °C to 40 °C (32 °F to 104 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-20 °C to 50 °C (-4 °F to 122 °F) -20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)
<b>Outdoor ready approvals</b>	-	-	-	-	-	IP66	IP66/IP67/NEMA 4X	-	-	IP66/IP67/NEMA 4X	-	-
<b>WDR</b>	Forensic Capture	Forensic Capture	Dynamic contrast	WDR	Forensic Capture <sup>4</sup>	Forensic Capture <sup>4</sup>	Forensic Capture <sup>4</sup>	Forensic Capture <sup>4</sup>	Forensic Capture <sup>4</sup>	Forensic Capture <sup>4</sup>	WDR	WDR
<b>Lightfinder</b>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Zipstream</b>	✓	✓	✓	-	-	-	-	-	-	-	-	-
<b>OptimizedIR/Built-in IR</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Special features</b>	Supports 4 sensor units Rugged Quad view 2x memory card slots Suited for onboard surveillance	Supports 1 sensor unit Rugged 1x memory card slot Suited for onboard surveillance	Supports 4 sensor units Quad view 2x memory card slots	Stereoscopic imaging	Standard lens Suited for onboard surveillance	IK09 Standard lens	Fisheye lens Suited for onboard surveillance	Pinhole lens	Varifocal lens	Standard lens Suited for onboard surveillance	Standard lens	Pinhole lens

1. 3D imaging for precision counting. Use with AXIS F34/F44 and AXIS 3D People Counter







2. For use with AXIS F Main Units

3. In 1080p

4. With AXIS F41/F44 Main Unit














## Axis modular cameras

	AXIS FA Series					AXIS P8804 Stereo Sensor Kit
	AXIS FA54	AXIS FA4115 <sup>1</sup>	AXIS FA1125 <sup>1</sup>	AXIS FA3105-L <sup>1</sup>	AXIS FA1105 <sup>1</sup>	AXIS P8804 Stereo Sensor Kit
						
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)
Lens/ Horizontal field of view	-	2.8 – 6.0 mm, F2.0, 99° – 53°	3.7 mm, F2.5, 91°	3.13 mm, F2.0, 103°	2.8 mm, F2.0, 111°	2.1 mm, F2.2, 102°
Day and night	-	-	-	-	-	-
Min. illumination (lux) Color/B&W	-	0.2/-	0.25/-	0.2/-	0.2/-	0.4/-
Max. frames per second	25/30	25/30	25/30	25/30	25/30	25/30
Audio support/ Built-in mic	✓ / -	- / -	- / -	- / -	- / -	- / -
Product specific analytics (for standard analytics see page 42)	Audio detection Standard analytics	-	-	-	-	-
Power	DC	-	-	-	-	DC, PoE Class 2
In-/output ports	4	-	-	-	-	-
Operating temperature	0 °C to 45 °C (32 °F to 113 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	Main unit: 0 °C to 40 °C (32 °F to 104 °F) Sensor unit: -20 °C to 50 °C (-4 °F to 122 °F)
Outdoor ready approvals	-	-	-	-	-	-
WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	WDR
Lightfinder	-	-	-	-	-	-
Zipstream	✓	-	-	-	-	-
OptimizedIR/Built-in IR	- / -	- / -	- / -	- / ✓	- / -	- / -
Special features	Supports 4 sensor units 2x memory card slots HDMI™ Quad view	Varifocal lens	Pinhole lens	Standard lens	Standard lens	3D imaging for precision counting use with AXIS 3D People Counter

1. For use with AXIS FA Main Unit

## Axis modular cameras











	AXIS P12 Series										
	AXIS P1290-E	AXIS P1280-E	AXIS P1275	AXIS P1265	AXIS P1264	AXIS P1254	AXIS P1245	AXIS P1244	AXIS P1224-E	AXIS P1214	AXIS P1214-E
											
<b>Max. video resolution</b>	208x156	208x156	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)	1280x720 (1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)	1280x720 (1 MP)	1280x720 (1 MP)	1280x720 (1 MP)
<b>Lens/ Horizontal field of view</b>	4 mm, F1.2, 35.4°	4 mm, F1.2, 35.4°	2.8 - 6 mm, F2.0, 99° - 53°	3.7 mm, F2.5, 91°	3.7 mm, F2.5, 57°	2.1 mm, F2.2, 102°	2.8 mm, F2.0, 111°	2.1 mm, F2.2, 102°	1.56 mm, F2.8, 145°	3.7 mm, F2.5, 57°	2.8 mm, F2.0, 81°
<b>Day and night</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Min. illumination (lux) Color/B&amp;W</b>	-	-	0.22/-	0.27/-	0.5/-	0.4/-	0.22/-	0.4/-	1.8/-	1.2/-	1.0/-
<b>Max. frames per second</b>	8.3 <sup>1</sup>	8.3 <sup>1</sup>	25/30	25/30	25/30	25/30	25/30	25/30	25/30	25/30	25/30
<b>Sensitivity</b>	NETD < 100 mK	NETD < 100 mK	-	-	-	-	-	-	-	-	-
<b>Detection range (m/yard.)</b>	166/182 <sup>2</sup> 511/559 <sup>3</sup>	166/182 <sup>2</sup> 511/559 <sup>3</sup>	-	-	-	-	-	-	-	-	-
<b>Audio support/ Built-in mic</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Product specific analytics (for standard analytics, see page 42)</b>	Video Motion Detection	Video Motion Detection	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
<b>Power</b>	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2, DC	PoE Class 1, DC	PoE Class 1, DC
<b>In-/output ports</b>	-	-	-	-	-	-	-	-	1/1	1/1	1/1
<b>Operating temperature</b>	Main unit: -20 °C to 50 °C (-4 °F to 122 °F) Thermal sensor unit: -30 °C to 55 °C (-22 °F to 131 °F)	Main unit: -20 °C to 50 °C (-4 °F to 122 °F) Thermal sensor unit: -30 °C to 55 °C (-22 °F to 131 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)
<b>Outdoor ready approvals</b>	IP66/IP67/NEMA 4	IP66/IP67/NEMA 4x	-	-	-	-	-	-	IP66/NEMA 4X	-	IP66/NEMA 4X
<b>WDR</b>	-	-	Forensic Capture	Forensic Capture	WDR	WDR	Forensic Capture	WDR	-	-	-
<b>Lightfinder</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Zipstream</b>	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-
<b>OptimizedIR/Built-in IR</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Special features</b>	Athermalized 4 mm lens Uncooled microbolometer Palette setting	Athermalized 4 mm lens Uncooled microbolometer Palette setting	Varifocal lens	Pinhole lens	Pinhole lens	Standard lens	Standard lens	Standard lens	Standard lens	Pinhole lens	Pinhole lens

1. Up to 30 fps within EU, Norway, Switzerland, Canada, USA, Japan, Australia, New Zealand. Up to 8.3 fps in other countries. Frame rate above 9 fps may be subject to export control regulations







2. Detection range measured for humans, 1.8 x 0.5 m, calculated with Johnson's criteria

3. Detection range measured for vehicles, 4 x 1.5 m, calculated with Johnson's criteria

## Axis fixed dome cameras













	AXIS Q36 Series					AXIS Q35 Series				
	AXIS Q8414-LVS	AXIS Q3617-VE	AXIS Q3615-VE	AXIS Q3527-LVE	AXIS Q3518-LVE	AXIS Q3517-SLVE	AXIS Q3517-LV	AXIS Q3517-LVE	AXIS Q3515-LV	AXIS Q3515-LVE
										
Max. video resolution	1280x960 (1.3 MP)	3072x2048 (6.3 MP)	1920x1200 (2.3 MP)	3072x1728 (5.3 MP)	3840x2160 (8.3 MP)	3072x1728 (5.3 MP)	3072x1728 (5.3 MP)	3072x1728 (5.3 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Lens/ Horizontal field of view	2.5 - 6 mm, F1.2, 105° - 49°	4.1 - 9 mm, F1.6, 101° - 46°	4.1 - 9 mm, F1.6, 100° - 46°	4.3 - 8.6 mm, F1.5, 96° - 50°	4.3 - 8.6 mm, F1.5, 93° - 48°	4.3 - 8.6 mm, F1.5, 96° - 50°	4.3 - 8.6 mm, F1.5, 96° - 50°	4.3 - 8.6 mm, F1.5, 96° - 50°	9 - 22 mm, F1.6, 36 - 15° 3 - 9 mm, F1.3, 105 - 36°	9 - 22 mm, F1.6, 36 - 15° 3 - 9 mm, F1.3, 105 - 36°
Day and night	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.1/ 0.02	0.15/ 0.03	0.1/ 0.02	0.12/0.02	0.15/0.03	0.12/0.02	0.12/0.02	0.12/0.02	9 mm: 0.07/0.01 22 mm: 0.11/0.02	9 mm: 0.07/0.01 22 mm: 0.11/0.02
Max. frames per second	25/30	25/30	50/60	50/60	25/30	50/60	50/60	50/60	50/60	50/60
Audio support/ Built-in mic	✓ / ✓	- / -	- / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -
Product specific analytics (for standard analytics, see page 42)	Audio detection Standard analytics	AXIS Guard Suite Standard analytics	AXIS Guard Suite Standard analytics	Audio detection AXIS Guard Suite Standard analytic	Audio detection AXIS Guard Suite Standard analytics	Audio detection AXIS Guard Suite Standard analytics	Audio detection AXIS Guard Suite Standard analytics	Audio detection AXIS Guard Suite Standard analytics	Audio detection AXIS Guard Suite Standard analytics	Audio detection AXIS Guard Suite Standard analytic
Power	PoE Class 2	PoE Class 3	PoE Class 3	PoE Class 3, DC	PoE Class 3, DC	PoE Class 3, DC	PoE Class 3, DC	PoE Class 3, DC	PoE Class 3, DC	PoE Class 3, DC
In-/output ports	2	-	-	2	2	2	2	2	2	2
Operating temperature	0 °C to 50 °C (32 °F to 122 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-50 °C to 60 °C (-58 °F to 140 °F)	-50 °C to 60 °C (-58 °F to 140 °F)	-50 °C to 55 °C (-58 °F to 131 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-50 °C to 60 °C (-58 °F to 140 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-50 °C to 60 °C (-58 °F to 140 °F)
Outdoor ready approvals	IP66/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X
WDR	Dynamic contrast	Forensic Capture	Forensic Capture	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR
Lightfinder	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Zipstream	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
OptimizedIR/ Built-in IR	- / ✓	- / -	- / -	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓
Special features	IK10+ Stainless steel	Electronic image stabilization IK10 IP6K9K Remote PTRZ Shock detection	Electronic image stabilization IK10 IP6K9K Remote PTRZ Shock detection	Electronic image stabilization Defogging IK10+ IP6K9K Shock detection, Signed firmware, Secure boot, TPM	Electronic image stabilization Defogging IK10+ IP6K9K Shock detection	Electronic image stabilization Defogging IK10+ IP6K9K Shock detection	Electronic image stabilization Defogging IK10 Shock detection	Electronic image stabilization Defogging IK10+ IP6K9K Shock detection	Electronic image stabilization Defogging IK10 Shock detection	Electronic image stabilization Defogging IK10+ IP6K9K Shock detection

## Axis fixed dome cameras







	AXIS P91 Series		AXIS P39 Series			
	AXIS P9106-V White  NEW	AXIS P9106-V Brushed Steel  NEW	AXIS P3915-R Mk II 	AXIS P3905-R Mk II 	AXIS P3905-RE 	AXIS P3904-R Mk II 
Max. video resolution	4:3 ratio: 2016x1512 (3MP)	4:3 ratio: 2016x1512 (3MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)
Lens/ Horizontal field of view	1.8 mm, F2.4, 130°	1.8 mm, F2.4, 130°	3.6 mm, F2.0 87°	3.6 mm, F2.0 87°	6 mm, F1.6 56°	3.6 mm, F2.0 87°
Day and night	-	-	-	-	-	-
Min. illumination (lux) Color/B&W	0.35/-	0.35/-	0.15/-	0.15/-	0.2/-	0.15/-
Max. frames per second	25/30	25/30	25/30	25/30	25/30	25/30
Audio support/ Built-in mic	- / -	- / -	✓ / -	- / -	- / -	- / -
Product specific analytics (for standard analytics, see page 42)	Standard analytics	Standard analytics	Audio detection Standard analytics	Standard analytics	Standard analytics	Standard analytics
Power	PoE Class 1	PoE Class 1	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2
In-/output ports	-	-	1/1	-	-	-
Operating temperature	-15 °C to 50 °C (5 °F to 122 °F)	-15 °C to 50 °C (5 °F to 122 °F)	Normal: -40 °C to 60 °C (-22 °F to 140 °F) Maximum (intermittent): 70 °C (158 °F) Arctic temperature control: start-up at -40 °C (-40 °F)	Normal: -40 °C to 60 °C (-22 °F to 140 °F) Maximum (intermittent): 70 °C (158 °F) Arctic temperature control: start-up at -40 °C (-40 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	Normal: -40 °C to 60 °C (-22 °F to 140 °F) Maximum (intermittent): 70 °C (158 °F) Arctic temperature control: start-up at -40 °C (-40 °F)
Outdoor ready approvals	IP66	IP66	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X
WDR	WDR	WDR	Forensic Capture	Forensic Capture	Dynamic contrast	Forensic Capture
Lightfinder	-	-	✓	✓	-	✓
Zipstream	✓	✓	✓	✓	-	✓
OptimizedIR/Built-in IR	- / -	- / -	- / -	- / -	- / -	- / -
Special features	IK10 Ligature-resistant (anti-ligature) design	IK10 Brushed steel skin cover	EN50155 compliance IK08 Suited for onboard surveillance	EN50155 compliance IK08 Suited for onboard surveillance	EN50155 compliance IK08 IP6K9K Suited for onboard surveillance	EN50155 compliance IK08 Suited for onboard surveillance













## Axis fixed dome cameras

	AXIS P3235-LV 	AXIS P3235-LVE 	AXIS P3228-LV 	AXIS P3228-LVE 	AXIS P3227-LV 	AXIS P3227-LVE 	AXIS P3225-V Mk II 	AXIS P3225-LV Mk II 	AXIS P3225-VE Mk II 	AXIS P3225-LVE Mk II 	AXIS P3224-V Mk II 	AXIS P3224-LV Mk II 
<b>Max. video resolution</b>	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	3840x2160 (8.3 MP)	3840x2160 (8.3 MP)	3072x1728 (5.3 MP)	3072x1728 (5.3 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x960 (1 MP)	1280x960 (1 MP)
<b>Lens/ Horizontal field of view</b>	3 - 10.5 mm, F1.4, 92° - 34°	3 - 10.5 mm, F1.4, 92° - 34°	3.5 - 10 mm, F1.7, 100° - 38°	3.5 - 10 mm, F1.7, 100° - 38°	3.5 - 10 mm, F1.7, 100° - 38°	3.5 - 10 mm, F1.7, 100° - 38°	3 - 10.5 mm, F1.4, 92° - 34°	3 - 10.5 mm, F1.4, 92° - 34°	3 - 10.5 mm, F1.4, 92° - 34°	3 - 10.5 mm, F1.4, 92° - 34°	2.8 - 10 mm, F1.6, 90° - 34°	2.8 - 10 mm, F1.6, 90° - 34°
<b>Day and night</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Min. illumination (lux) Color/ B&amp;W</b>	0.15/ 0.03	0.15/ 0.03	0.19/ 0.04	0.19/ 0.04	0.18/ 0.04	0.18/ 0.04	0.15/ 0.03	0.16/ 0.03	0.15/ 0.03	0.16/ 0.03	0.18/ 0.04	0.19/ 0.04
<b>Max. frames per second</b>	50/60	50/60	25/30	25/30	25/30	25/30	50/60	50/60	50/60	50/60	50/60	50/60
<b>Audio support/ Built-in mic</b>	✓ / -	✓ / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Product specific analytics (for standard analytics, see page 42)</b>	Standard analytics Audio support	Standard analytics Audio support	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
<b>Power</b>	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 2	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 2	PoE Class 3
<b>In-/output ports</b>	1/1	1/1	-	-	-	-	-	-	-	-	-	-
<b>Operating temperature</b>	0 °C to 50 °C (32 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)	-40 °C to 50 °C (-40 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)	-40 °C to 50 °C (-40 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)	-40 °C to 50 °C (-40 °F to 122 °F)	-40 °C to 50 °C (-40 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)
<b>Outdoor ready approvals</b>	-	IP66/NEMA 4X	-	IP66/NEMA 4X	-	IP66/NEMA 4X	-	-	IP66/NEMA 4X	IP66/NEMA 4X	-	-
<b>WDR</b>	Forensic Capture	Forensic Capture	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic Capture	Forensic Capture	Forensic Capture	Forensic Capture	Forensic Capture	Forensic Capture
<b>Lightfinder</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Zipstream</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>OptimizedIR/ Built-in IR</b>	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	- / -	✓ / ✓	- / -	✓ / ✓	- / -	✓ / ✓
<b>Special features</b>	IK08	IK10	IK08	IK10	IK08	IK10	IK08	IK08	IK10	IK10	IK08	IK08

## Axis fixed dome cameras







AXIS M31 Series						
	AXIS M3106-L Mk II 	AXIS M3106-LVE MK II 	AXIS M3105-L 	AXIS M3105-LVE 	AXIS M3104-L 	AXIS M3104-LVE 
Max. video resolution	2688x1520 (4.1 MP)	2688x1520 (4.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)	1280x720 (1 MP)
Lens/ Horizontal field of view	2.4 mm, F2.2, 130°	2.4 mm, F2.2, 130°	2.8 mm, F2.0, 115°	2.8 mm, F2.0, 115°	2.8 mm, F2.0, 80°	2.8 mm, F2.0, 80°
Day and night	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.3/ 0.06	0.3/ 0.06	0.2/ 0.04	0.2/ 0.04	0.2/ 0.04	0.2/ 0.04
Max.frames per second	25/30	25/30	25/30	25/30	25/30	25/30
Audio support/ Built-in mic	- / -	- / -	- / -	- / -	- / -	- / -
Product specific analytics (for standard analytics, see page 42)	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Power	PoE Class 3	PoE Class 3	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2
In-/output ports	-	-	-	-	-	-
Operating temperature	0 °C to 50 °C (32 °F to 122 °F)	-30°C to 50°C (-22 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)	-30°C to 50°C (-22 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)	-30°C to 50°C (-22 °F to 122 °F)
Outdoor ready approvals	-	IP66/NEMA 4X	-	IP66/NEMA 4X	-	IP66/NEMA 4X
WDR	WDR	WDR	Forensic Capture	Forensic Capture	Forensic Capture	Forensic Capture
Lightfinder	-	-	-	-	-	-
Zipstream	✓	✓	✓	✓	✓	✓
OptimizedIR/Built-in IR	- / ✓	- / ✓	- / ✓	- / ✓	- / ✓	- / ✓
Special features	-	IK08	-	IK08	-	IK08

## Axis fixed dome cameras

AXIS M30 Series										
	AXIS M3046-V	AXIS M3045-V	AXIS M3045-WV	AXIS M3044-V	AXIS M3044-WV	AXIS M3026-VE	AXIS M3025-VE	AXIS M3024-LVE	AXIS M3016	AXIS M3015
										
Max. video resolution	2.4 mm: 2688x1520 (4 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)	1280x720 (1 MP)	2048x1536 (3.1 MP)	1920x1080 (2.1 MP)	1280x800 (1 MP)	2016x1512 (3 MP)	1920x1080 (2.1 MP)
Lens/ Horizontal field of view	1.8 mm, F2.4, 152° 2.4 mm, F2.2, 128°	2.8 mm, F2.0, 106°	2.8 mm, F2.0, 106°	2.8 mm, F2.0, 82°	2.8 mm, F2.0, 82°	2.0 mm, F2.0, 106°	3.6 mm, F2.0, 91°	2.8 mm, F2.0, 77°	1.8 mm, F2.4, 152°	2.8 mm, F2.0, 106°
Day and night	-	-	-	-	-	✓	✓	✓	-	-
Min. illumination (lux) Color/B&W	1.8 mm: 0.35 / - 2.4 mm: 0.3 / -	0.25/-	0.25/-	0.25/-	0.25/-	0.3/ 0.06	0.8/ 0.16	0.8/ 0.16	0.35	0.25
Max. frames per second	25/30	25/30	25/30	25/30	25/30	25/30	25/30	25/30	25/30	25/30
Audio support/ Built-in mic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Product specific analytics (for standard analytics, see page 42)	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Power	PoE Class 1	PoE Class 1	DC	PoE Class 1	DC	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 1	PoE Class 1
In-/output ports	-	-	-	-	-	1/1	1/1	1/1	-	-
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)	-30 °C to 50 °C (-22 °F to 122 °F)	-30 °C to 50 °C (-22 °F to 122 °F)	-30 °C to 50 °C (-22 °F to 122 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 45 °C (32 °F to 113 °F)
Outdoor ready approvals	-	-	-	-	-	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	-	-
WDR	WDR	WDR	WDR	WDR	WDR	Dynamic contrast	Dynamic contrast	Dynamic contrast	WDR	WDR
Lightfinder	-	-	-	-	-	-	-	-	-	-
Zipstream	✓	✓	✓	✓	✓	-	-	-	✓	✓
OptimizedIR/Built-in IR	- / -	- / -	- / -	- / -	-- / -	- / -	- / -	- / ✓	- / -	- / -
Special features	HDMI™ IK08	HDMI™ IK08	HDMI™ IK08 WLAN	IK08	IK08 WLAN	IK10	IK10	IK10	-	-









## Axis panoramic cameras

Multidirectional with PTZ/Multisensor/Multidirectional						
	AXIS Q6000-E Mk II <sup>1</sup> 	AXIS Q3709-PVE 	AXIS Q3708-PVE 	AXIS P3807-PVE 	AXIS P3717-PLE 	AXIS P3707-PE 
Max. video resolution	4x 1920x1440 (2.8 MP)	3x 3840x2880 (33 MP)	3x 2560x1920 (15 MP)	4320 x1920 (8.3 MP)	4x 1920x1080 (8.3 MP)	4x 1920x1080 (8.3 MP)
Lens/ Horizontal field of view	1.37 mm, F2.0, 4x 152° - 113°	5 mm, F2.8, 180°	5 mm, F2.8, 180°	3.2 mm, F2.0, 180°	3-6 mm , F1.8 - 2.6, 4x 96° - 49°	2.8-6 mm, F2.0, 4x 108° - 54°
Day and night	-	✓	✓	✓	✓	-
Min. illumination (lux) Color/B&W	0.3 / -	2/0.4	0.3/0.06	0.17/0.05	0.17/0.06	0.3 / -
Max. frames per second	25/30	25/30	25/30	25/30	25/30	25/30
Audio support/ Built-in mic	- / -	- / -	- / -	- / -	- / -	- / -
Product specific analytics (for standard analytics, see page 42)	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Power	High PoE	PoE Class 4	PoE Class 4	PoE Class 3	PoE Class 3 w/o IR PoE Class 4 with IR	PoE Class 2
In-/output ports	-	-	-	-	-	-
Operating temperature	-30 °C to 50 °C (-22 °F to 122 °F)	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 55 °C (-40 °F to 131 °F)	-30 °C to 50 °C (-22 °F to 122 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Outdoor ready approvals	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X
WDR	-	Dynamic contrast	Forensic Capture	Forensic WDR	Forensic WDR	-
Lightfinder	-	-	-	✓	✓	-
Zipstream	✓	-	✓	✓	✓	✓
Optimized IR/ Built-in IR	- / -	- / -	- / -	- / -	- / ✓	- / -
Special features	4 sensors <sup>2</sup> Shock detection Quad view	3 sensors IK10	3 sensors 1 IP address IK10	4 sensors 1 IP address IK10 Vertical FoV 90°	4 sensors 1 IP address IK09 Remote zoom & focus 2 SD card slots Quad view Individually controllable IR LEDs	4 sensors 1 IP address Quad view IK09

1. For integration with AXIS Q60-E PTZ Network Camera Series and AXIS Q61 PTZ Network Camera Series (requires AXIS T94A01C Attachment Kit).  
2. Without AXIS PTZ camera








## Axis panoramic cameras

	Single-sensor					
	AXIS M3058-PLVE 	AXIS M3057-PLVE 	AXIS M3048-P 	AXIS M3047-P 	AXIS M3037-PVE 	AXIS M3027-PVE 
Max. video resolution	2992x2992 (12 MP Image sensor)	2048x2048 (6 MP Image sensor)	2880x2880 (12 MP Image sensor)	2048x2048 (6 MP Image sensor)	2592x1944 (5 MP Image sensor)	2592x1944 (5 MP Image sensor)
Lens/ Horizontal field of view	1.3 mm, F2.2, 181°	1.6 mm, F2.0, 185°	1.65 mm, F2.8, 185°	1.6 mm, F2.8, 185°	1.27 mm, F2.0 187°	1.27 mm, F2.0 187°
Day and night	✓	✓	-	-	✓	✓
Min. illumination (lux) Color/B&W	0.19/0.04	0.16/0.03	0.35/-	0.3/-	0.3/ 0.06	0.3/ 0.06
Max. frames per second	25/30	50/60	25/30	25/30	12	12
Audio support/ Built-in mic	- / -	- / -	- / -	- / -	✓ / ✓	- / -
Product specific analytics (for standard analytics, see page 42)	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Audio detection, Standard analytics	Standard analytics
Power	PoE Class 3	PoE Class 3	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2
In-/output ports	1/1	1/1	-	-	1/1	1/1
Operating temperature	-40 °C to 50 °C (-40 °F to 122 °F)	-40 °C to 50 °C (-40 °F to 122 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	-30°C to 50 °C (-22°F to 122 °F)	-30°C to 50 °C (-22°F to 122 °F)
Outdoor ready approvals	IP66/NEMA 4X	IP66/NEMA 4X	-	-	IP66/NEMA 4X	IP66/NEMA 4X
WDR	Forensic WDR	Forensic WDR	Dynamic contrast	Dynamic contrast	Dynamic contrast	Dynamic contrast
Lightfinder	✓	✓	-	-	-	-
Zipstream	✓	✓	✓	✓	-	-
OptimizedIR/ Built-in IR	✓ / ✓	✓ / ✓	-	-	-	-
Special features	HDMI IK10 Dewarped views	HDMI IK10 Dewarped views	HDMI Dewarped views	HDMI Dewarped views	Built-in speaker IK10 Dewarped views SIP	IK10 Dewarped views

## Axis pan/tilt/zoom cameras






AXIS Q61 Series				
	AXIS Q6155-E 	AXIS Q6128-E 	AXIS Q6125-LE 	AXIS Q6124-E 
Max. video resolution	1920x1080 (2.1 MP)	3840x2160 (8.3 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)
Lens/ Horizontal field of view	4.3 - 129 mm, F1.6 - 4.7, 66.7° - 2.36°	3.9 - 46.8 mm, F1.8 - 2.0, 70.7° - 6.2°	4.3 - 129 mm, F1.6 - 4.7, 63.5° - 2.3°	4.3 - 129 mm, F1.6 - 4.7, 58.1° - 2.4°
Day and night	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.15/ 0.01	0.45/ 0.03	0.1/ 0.008	0.15/ 0.008
Max. frames per second	50/60	50/60	50/60	50/60
Optical zoom	30	12	30	30
Audio support/ Built-in mic	- / -	- / -	- / -	- / -
Product specific analytics (for standard analytics, see page 42)	Fence Guard, Motion Guard Autotracking Active Gatekeeper Standard analytics	Autotracking Active Gatekeeper Standard analytics	Autotracking Active Gatekeeper AXIS Guard Suite, Standard analytics	Fence Guard, Motion Guard Autotracking Active Gatekeeper Standard analytics
Power	PoE Class 4, High PoE SFP midspan included	PoE Class 4, High PoE SFP midspan included	PoE Class 4, High PoE SFP midspan included	PoE Class 4, High PoE SFP midspan included
In-/output ports	-	-	-	-
Operating temperature	-55 °C to 50 °C (-67 °F to 122 °F)	-50 °C to 50 °C (-58 °F to 122 °F)	-50 °C to 50 °C (-58 °F to 122 °F) With IR: -50 °C to 35 °C (-58 °F to 95 °F)	-55 °C to 50 °C (-67 °F to 122 °F)
Outdoor ready approvals	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X
WDR	Forensic Capture	-	Forensic Capture	Dynamic capture
Lightfinder	✓	-	✓	✓
Zipstream	✓	-	✓	✓
OptimizedIR/Built-in IR	- / -	- / -	✓ / ✓	- / -
Special features	Electronic image stabilization Focus recall IK08 Laser focus, Sharpdome Speed dry Shock detection	Electronic image stabilization Focus recall Defogging IK08 Sharpdome Speed dry Shock detection	Electronic image stabilization Focus recall Defogging IK08 Sharpdome Speed dry Shock detection	Electronic image stabilization Focus recall Defogging IK08 Sharpdome Speed dry Shock detection

## Axis pan/tilt/zoom cameras





	AXIS Q60 Series						
	 AXIS Q6055	 AXIS Q6055-C	 AXIS Q6055-E	 AXIS Q6055-S	 AXIS Q6054 Mk III	 AXIS Q6054-E Mk III	 AXIS Q6000-E Mk II <sup>1</sup>
<b>Max. video resolution</b>	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)	1280x720 (1 MP)	4x 1920x1440 (2.8 MP)
<b>Lens/ Horizontal field of view</b>	4.44 - 142.6 mm, F1.6 - 4.41, 62.8° - 2.23°	4.44 - 142.6 mm, F1.6 - 4.41, 62.8° - 2.23°	4.44 - 142.6 mm, F1.6 - 4.41, 62.8° - 2.23°	4.44 - 142.6 mm, F1.6 - 4.41, 62.8° - 2.23°	4.3-129 mm, F1.6-4.7, 63.8°-2.6° (720p), 49.7°-1.73° (D1)	4.3-129 mm, F1.6-4.7, 63.8°-2.6° (720p), 49.7°-1.73° (D1)	1.37 mm, F2.0, 4x 152°-113°
<b>Day and night</b>	✓	✓	✓	✓	✓	✓	-
<b>Min. illumination (lux) Color/B&amp;TW</b>	0.3/ 0.03	0.3/ 0.03	0.3/ 0.03	0.3/ 0.03	0.1/ 0.008	0.1 / 0.008	0.3/ -
<b>Max. frames per second</b>	50/60	50/60	50/60	50/60	50/60	50/60	25/30
<b>Optical zoom</b>	32	32	32	32	30	30	-
<b>Audio support/ Built-in mic</b>	✓ / -	- / -	- / -	- / -	✓ / -	- / -	- / -
<b>Product specific analytics (for standard analytics, see page 42)</b>	Active Gatekeeper Audio detection Autotracking Standard analytics	Active Gatekeeper Autotracking Standard analytics	Active Gatekeeper Autotracking Standard analytics	Active Gatekeeper Autotracking Standard analytics	Audio detection Autotracking Active Gatekeeper Standard analytics	Active Gatekeeper Autotracking Standard analytics	Standard analytics
<b>Power</b>	PoE Class 4, AC, DC Midspan included	DC	High PoE SFP midspan included	DC	PoE Class 4, AC, DC Midspan included	High PoE SFP midspan included	High PoE
<b>In-/output ports</b>	4	2	-	2	4	-	-
<b>Operating temperature</b>	0 °C to 50 °C (32 °F to 122 °F)	-20 °C to 75 °C (-4 °F to 167 °F)	-50 °C to 50 °C (-58 °F to 122 °F)	-30 °C to 50 °C (-22 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)	-50 °C to 50 °C (-58 °F to 122 °F)	-30 °C to 50 °C (-22 °F to 122 °F)
<b>Outdoor ready approvals</b>	-	IP66/NEMA 4X Up to 75 °C (167 °F)	IP66/NEMA 4X	IP66/IP67/NEMA 4X/6P	-	IP66/NEMA 4X	IP66/NEMA 4X
<b>WDR</b>	WDR	WDR	WDR	WDR	WDR	WDR	-
<b>Lightfinder</b>	-	-	-	-	✓	✓	-
<b>Zipstream</b>	✓	✓	✓	✓	✓	✓	✓
<b>OptimizedIR/Built-in IR</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Special features</b>	Automatic defog Enter/Exit detector Fence detector Object counter Object removed Shock detection Highlight compensation	Automatic defog IK10 Enter/Exit detector Fence detector Object counter Object removed Shock detection Highlight compensation	Automatic defog IK10 Enter/Exit detector Fence detector Object counter Object removed Shock detection Highlight compensation	2xSFP slots for fiber Automatic defog IK103/IP6K9K MIL-STD-810G 509.5 Pressurized, Stainless steel, Enter/Exit detector Fence detector Object counter Object removed Shock detection Highlight compensation	Electronic image stabilization Automatic defog Focus recall Shock detection Highlight compensation AXIS Fence Guard, AXIS Motion Guard	Electronic image stabilization Automatic defog Focus recall IK10 Shock detection Highlight compensation AXIS Fence Guard, AXIS Motion Guard	4 sensors <sup>2</sup> Shock detection Quad view

1. For integration with AXIS Q60-E PTZ Network Camera Series and AXIS Q61 PTZ Network Camera Series (requires AXIS T94A01C Attachment Kit).  
 2. Without AXIS PTZ camera











## Axis pan/tilt/zoom cameras

	AXIS V59 Series		AXIS P56 Series		AXIS P54 Series	
	AXIS V5915 	AXIS V5914 	AXIS P5635-E Mk II 	AXIS P5624-E Mk II 	AXIS P5415-E 	AXIS P5414-E 
Max. video resolution	1920x1080 (2.1 MP)	1280x720 (1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)
Lens/ Horizontal field of view	4.3 - 129 mm, F1.6 - 4.7, 63.7° - 2.3°	4.3 - 129 mm, F1.6 - 4.7, 63.7° - 2.3°	4.3 - 129 mm, F1.6 - 4.7, 65.6° - 2.0°	4.3 - 98.9 mm, F1.6 - 4.2, 57.9° - 2.9°	4.7 - 84.6 mm, F1.6 - 2.8, 59° - 4°	4.7 - 84.6 mm, F1.6 - 2.8, 59° - 4°
Day and night	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	1.0/ 0.03	0.6/ 0.03	0.2/ 0.01	0.2/ 0.01	0.5/ 0.04	0.4/ 0.04
Max. frames per second	50/60	50/60	50/60	50/60	25/30	25/30
Optical zoom	30	30	30	23	18	18
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / -	- / -	✓ / -	✓ / -
Product specific analytics (for standard analytics, see page 42)	Standard analytics	Standard analytics	Audio detection Advanced Gatekeeper Standard analytics	Advanced Gatekeeper Standard analytics	Audio detection Advanced Gatekeeper Standard analytics	Audio detection Advanced Gatekeeper
Power	DC	DC	PoE Class 4, AC, DC	PoE Class 4	PoE Class 4, DC	PoE Class 4, DC
In-/output ports	2	2	4	-	4	4
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)
Outdoor ready approvals	-	-	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X
WDR	Dynamic capture	Dynamic capture	Forensic Capture	Forensic Capture	-	-
Lightfinder	-	-	-	-	-	-
Zipstream	-	-	✓	✓	-	-
OptimizedIR/Built-in IR	- / -	- / -	- / -	- / -	- / -	- / -
Special features	Electronic image stabilization 2x Canon XLR3 3G-SDI HDMI™ Cam streamer 3-month trial incl. VISCA support with AXIS P8221	Electronic image stabilization 2x Canon XLR3 3G-SDI HDMI™ Cam streamer 3-month trial incl. VISCA support with AXIS P8221	Electronic image stabilization IK10 Focus recall Shock detection	IK10 Focus recall Shock detection	Direct drive pan/tilt system	Direct drive pan/tilt system

## Axis pan/tilt/zoom cameras







AXIS M50 Series				
	AXIS M5525-E 	AXIS M5065 <i>Only sold in US, Canada and Japan</i> 	AXIS M5055 	AXIS M5054 
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)
Horizontal field of view	4.7 - 47 mm, F1.6 -3.0, 61.8° - 6.7°	2.2 - 11.0 mm, F1.4 - 2.5, 71° - 14°	2.2 - 11.0 mm, F1.4 - 2.5, 71° - 14°	2.2 - 11.0 mm, F1.4 - 2.5, 71° - 14°
Day and night	✓	-	-	-
Min. illumination (lux) Color/B&W	0.45/ 0.01	1.2/-	1.2/-	0.9/-
Max. frames per second	25/30	25/30	25/30	25/30
Optical zoom	10	5	5	5
Audio support/ Built-in mic	✓ / -	✓ / ✓	✓ / ✓	✓ / ✓
Product specific analytics (for standard analytics, see page 42)	Audio detection Advanced gatekeeper Standard analytics	Audio volume detection Scream detection Removed object detection Standard analytics	Audio volume detection Scream detection Removed object detection Standard analytics	Audio volume detection Scream detection, Removed object detection Standard analytics
Power	PoE Class 3, DC	PoE Class 3	PoE Class 3	PoE Class 3
In-/output ports	4	-	-	-
Operating temperature	-20 °C to 50 °C (-4 °F to 122 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)
Outdoor ready approvals	IP66/NEMA 4x	-	-	-
WDR	Forensic Capture	WDR	WDR	WDR
Lightfinder	-	-	-	-
Zipstream	✓	✓	✓	✓
OptimizedIR/Built-in IR	- / -	- / -	- / -	- / -
Special features	Scene profiles IK09	Wireless I/O connectivity with Z-Wave Plus® devices	Autofocus	Autofocus

## Axis pan/tilt/zoom cameras

	AXIS Q87 Series						AXIS Q86 Series				
	AXIS Q8742-E, zoom	AXIS Q8742-LE, zoom	AXIS Q8742-E	AXIS Q8742-LE	AXIS Q8741-E	AXIS Q8741-LE	AXIS Q8685-E	AXIS Q8685-LE	AXIS Q8642-E	AXIS Q8641-E	
											
<b>Max. video resolution</b>	Visual: 1920x1080 Thermal: 640x480	Visual: 1920x1080 Thermal: 640x480	Visual: 1920x1080 Thermal: 640x480	Visual: 1920x1080 Thermal: 640x480	Visual: 1920x1080 Thermal: 384x288	Visual: 1920x1080 Thermal: 384x288	1920x1080	1920x1080	640x480	384x288	
<b>Lens/ Horizontal field of view</b>	Visual: 65.6°-2.0° Thermal: 18°-6°	Visual: 65.6°-2.0° Thermal: 18°-6°	Visual: 65.6°-2.0° Thermal: 17°	Visual: 65.6°-2.0° Thermal: 17°	Visual: 65.6°-2.0° Thermal: 10.5°	Visual: 65.6°-2.0° Thermal: 10.5°	65.6°- 2.0°	65.6°- 2.0°	10°	10.7°	
<b>Day and night</b>	-	-	-	-	-	-	✓	✓	-	-	
<b>Min. illumination (lux) Color/B&amp;W</b>	Visual: 0.2/0.01	Visual: 0.2/0.01	Visual: 0.2/0.01	Visual: 0.2/0.01	Visual: 0.2/0.01	Visual: 0.2/0.01	0.2/0.01	0.2/0.01	-/-	-/-	
<b>Max. frames per second</b>	Visual: 25/30 Thermal: 8.3/30 <sup>1</sup>	Visual: 25/30 Thermal: 8.3/30 <sup>1</sup>	Visual: 25/30 Thermal: 8.3/30 <sup>1</sup>	Visual: 25/30 Thermal: 8.3/30 <sup>1</sup>	Visual: 25/30 Thermal: 8.3/30 <sup>1</sup>	Visual: 25/30 Thermal: 8.3/30 <sup>1</sup>	50/60	50/60	8.3/30 <sup>1</sup>	8.3/30 <sup>1</sup>	
<b>Pan/Tilt</b>	360° endless / -90° to +45°	360° endless / -90° to +45°	360° endless / -90° to +45°	360° endless / -90° to +45°	360° endless / -90° to +45°	360° endless / -90° to +45°	360° endless / -90° to +45° -45° to +90° (inverted configuration)	360° endless / -90° to +45° -45° to +90° (inverted configuration)	360° endless / -90° to +45°	360° endless / -90° to +45°	
<b>Optical zoom</b>	Visual: 30 Thermal: 3	Visual: 30 Thermal: 3	Visual: 30	Visual: 30	Visual: 30	Visual: 30	30	30	-	-	
<b>Sensitivity</b>	NETD < 50 mK	NETD < 50 mK	NETD < 50 mK	NETD < 50 mK	NETD < 70 mK	NETD < 70 mK	-	-	NETD < 50 mK	NETD < 70 mK	
<b>Detection range (m/yd)</b>	3056/3342 <sup>2</sup> 9371/10248 <sup>3</sup>	3056/3342 <sup>2</sup> 9371/10248 <sup>3</sup>	1079/11792 3307/36173	1079/1179 3307/3617 <sup>3</sup>	1028/1124 <sup>2</sup> 3153/3448 <sup>3</sup>	1028/1124 <sup>2</sup> 3153/3448 <sup>3</sup>	-	-	1833/2005 <sup>2</sup> 5623/6149 <sup>3</sup>	1028/1124 <sup>2</sup> 3153/3448 <sup>3</sup>	
<b>Product specific analytics (for standard analytics, see page 42)</b>	Video Motion Detection	Video Motion Detection	Video Motion Detection	Video Motion Detection	Video Motion Detection	Video Motion Detection	Advanced Gatekeeper Standard analytics	Advanced Gatekeeper Standard analytics	Video Motion Detection	Video Motion Detection	
<b>Power</b>	24 V AC/DC	24 V AC/DC	24 V AC/DC	24 V AC/DC	24 V AC/DC	24 V AC/DC	24 V AC/DC	24 V AC/DC	24 V AC/DC	24 V AC/DC	
<b>In-/output ports</b>	4	4	4	4	4	4	4	4	4	4	
<b>Operating temperature</b>	-50 °C to 55 °C (-58 °F to 131 °F)	-50 °C to 55 °C (-58 °F to 131 °F)	-50 °C to 55 °C (-58 °F to 131 °F)	-50 °C to 55 °C (-58 °F to 131 °F)	-50 °C to 55 °C (-58 °F to 131 °F)	-50 °C to 55 °C (-58 °F to 131 °F)	-50 °C to 55 °C (-58 °F to 131 °F)	-50 °C to 55 °C (-58 °F to 131 °F)	-50 °C to 55 °C (-58 °F to 131 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)
<b>Outdoor ready approvals</b>	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	
<b>WDR</b>	Visual: Forensic Capture	Visual: Forensic Capture	Visual: Forensic Capture	Visual: Forensic Capture	Visual: Forensic Capture	Visual: Forensic Capture	Forensic Capture	Forensic Capture	-	-	
<b>Lightfinder</b>	-	-	-	-	-	-	-	-	-	-	
<b>Zipstream</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
<b>OptimizedIR/Built-in IR</b>	- / -	- / ✓	- / -	- / ✓	- / -	- / ✓	- / -	- / ✓	- / -	- / -	
<b>Special features</b>	RJ45 and SFP interfaces Visual: Focus recall Thermal: Athermalized 35-105 mm lens Uncooled microbolometer	RJ45 and SFP interfaces Visual: Focus recall Thermal: Athermalized 35-105 mm lens Uncooled microbolometer	RJ45 and SFP interfaces Visual: Focus recall Thermal: Athermalized 35 mm lens Uncooled microbolometer	RJ45 and SFP interfaces Visual: Focus recall Thermal: Athermalized 35 mm lens Uncooled microbolometer	RJ45 and SFP interfaces Visual: Focus recall Thermal: Athermalized 35 mm lens Uncooled microbolometer	RJ45 and SFP interfaces Visual: Focus recall Thermal: Athermalized 35 mm lens Uncooled microbolometer	RJ45 and SFP interfaces Visual: Focus recall Thermal: Athermalized 35 mm lens Uncooled microbolometer	Electronic image stabilization, Shock detection Focus recall, RJ45 and SFP interfaces	Electronic image stabilization Shock detection Focus recall RJ45 and SFP interfaces	Electronic image stabilization Shock detection Athermalized 60 mm lens, Uncooled microbolometer Palette setting	Electronic image stabilization Shock detection Athermalized 35 mm lens Uncooled microbolometer Palette setting

1. Up to 30 fps within EU, Norway, Switzerland, Canada, USA, Japan, Australia, New Zealand. Up to 8.3 fps in other countries. Frame rate above 9 fps may be subject to export control regulations  
 2. Detection range measured for humans, 1.8 x 0.5 m, calculated with Johnson's criteria  
 3. Detection range measured for vehicles, 4 x 1.5 m, calculated with Johnson's criteria

## Axis thermal cameras

	AXIS Q29 Temperature Alarm Camera Series		AXIS Q19 Thermal Network Camera Series			
	AXIS Q2901-E	AXIS Q2901-E PT Mount	AXIS Q1942-E	AXIS Q1942-E PT Mount	AXIS Q1941-E	AXIS Q1941-E PT Mount
						
Max. video resolution	336x256	336x256	640x480	640x480	384x288	384x288
Lens/ Horizontal field of view	9 mm, F1.25, 35° 19 mm, F1.25, 17°	9 mm, F1.25, 35° 19 mm, F1.25, 17°	10 mm, F 1.24, 63° 19 mm, F 1.23, 32° 35 mm, F 1.20, 17° 60 mm, F 1.25, 10°	10 mm, F 1.24, 63° 19 mm, F 1.23, 32° 35 mm, F 1.20, 17° 60 mm, F 1.25, 10°	7 mm, F1.2, 55° 13 mm, F1.0, 28° 19 mm, F1.23, 19.4° 35 mm, F1.2, 10.7° 60 mm, F1.25, 6.2°	7 mm, F1.2, 55° 13 mm, F1.0, 28° 19 mm, F1.23, 19.4° 35 mm, F1.2, 10.7° 60 mm, F1.25, 6.2°
Max. frames per second	8.3 <sup>1</sup>	8.3 <sup>1</sup>	8.3/30 <sup>1</sup>	8.3/30 <sup>1</sup>	8.3/30 <sup>1</sup>	8.3/30 <sup>1</sup>
Object temperature range	-40 °C to 550 °C (-40 °F to 1022 °F)	-40 °C to 550 °C (-40 °F to 1022 °F)	-	-	-	-
Sensitivity	NETD < 50 mK	NETD < 50 mK	NETD < 50 mK	NETD < 50 mK	NETD < 70 mK	NETD < 70 mK
Detection range (m/yd.)	-	-	10 mm: 291/318 <sup>2</sup> 892/978 <sup>3</sup> 19 mm: 573/627 <sup>2</sup> 1757/1921 <sup>3</sup> 35 mm: 1079/1179 <sup>2</sup> 3307/3617 <sup>3</sup> 60 mm: 1833/2005 <sup>2</sup> 5623/6149 <sup>3</sup>	10 mm: 291/318 <sup>2</sup> 892/978 <sup>3</sup> 19 mm: 573/627 <sup>2</sup> 1757/1921 <sup>3</sup> 35 mm: 1079/1179 <sup>2</sup> 3307/3617 <sup>3</sup> 60 mm: 1833/2005 <sup>2</sup> 5623/6149 <sup>3</sup>	7 mm: 200/219 <sup>2</sup> 613/671 <sup>3</sup> 13 mm: 393/430 <sup>2</sup> 1205/1318 <sup>3</sup> 19 mm: 567/620 <sup>2</sup> 1739/1902 <sup>3</sup> 35 mm: 1028/1124 <sup>2</sup> 3153/3448 <sup>3</sup> 60 mm: 1774/1940 <sup>2</sup> 5441/5951 <sup>3</sup>	7 mm: 200/219 <sup>2</sup> 613/671 <sup>3</sup> 13 mm: 393/430 <sup>2</sup> 1205/1318 <sup>3</sup> 19 mm: 567/620 <sup>2</sup> 1739/1902 <sup>3</sup> 35 mm: 1028/1124 <sup>2</sup> 3153/3448 <sup>3</sup> 60 mm: 1774/1940 <sup>2</sup> 5441/5951 <sup>3</sup>
Audio support/ Built-in mic	✓ / -	- / -	✓ / -	- / -	✓ / -	- / -
Product specific analytics (for standard analytics, see page 42)	Audio detection Standard analytics	Standard analytics	Audio detection AXIS Guard suite AXIS Video Motion Detection	AXIS Video Motion Detection	Audio detection, AXIS Guard suite, AXIS Video Motion Detection	AXIS Video Motion Detection
Power	PoE Class 3, AC, DC	PoE Class 3, AC, DC	PoE Class 3, AC, DC	PoE Class 3, AC, DC	PoE Class 3, AC, DC	PoE Class 3, AC, DC
In-/output ports	2/2	-	2/2	-	2/2	-
Operating temperature	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)
Outdoor ready approvals	IP66/IP67/NEMA 4X	IP66/NEMA 4X	IP66/IP67/NEMA 4X	IP66/NEMA 4X	IP66/IP67/NEMA 4X	IP66/NEMA 4X
Zipstream	-	-	✓	✓	✓	✓
Special features	Athermalized lens Isothermal palette Palette setting Uncooled microbolometer Shock detection	Athermalized lens Isothermal palette Palette setting Uncooled microbolometer RS485/RS422 for pan/tilt control Shock detection	Electronic image stabilization Athermalized lens Palette setting Shock detection Uncooled microbolometer	Electronic image stabilization Athermalized lens Palette setting Uncooled microbolometer RS485/RS422 for pan/tilt control Shock detection	Electronic image stabilization Athermalized lens Palette setting Uncooled microbolometer Shock detection	Electronic image stabilization Athermalized lens Palette setting Uncooled microbolometer RS485/RS422 for pan/tilt control Shock detection

1. Up to 30 fps within EU, Norway, Switzerland, Canada, USA, Japan, Australia, New Zealand. Up to 8.3 fps in other countries. Frame rate above 9 fps may be subject to export control regulations

2. Detection range measured for humans, 1.8 x 0.5 m, calculated with Johnson's criteria

3. Detection range measured for vehicles, 4 x 1.5 m, calculated with Johnson's criteria



## Explosion-protected cameras

								 <span style="color: green; font-weight: bold;">NEW</span>
<b>Max. video resolution</b>	336x256	336x256	640x480	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080	1920x1080	3072x1728 (5 MP)
<b>Lens/ Horizontal field of view</b>	19 mm, F1.25, 17°	19 mm, F1.25, 17°	19 mm, F1.23, 32°	4.7 - 84.6 mm, F1.6 - 2.8, 59° - 4°	4.7 - 84.6 mm, F1.6 - 2.8, 59° - 4°	4.44 - 142.6 mm, F1.6 - 4.41, 62.8° - 2.23°	4.44 - 142.6 mm, F1.6 - 4.41, 62.8° - 2.23°	2.8 - 8.5 mm, F1.2, 104° - 36°
<b>Min. illumination (lux) Color/B&amp;W</b>	-/-	-/-	-/-	0.5/ 0.04	0.5/ 0.04	0.3/ 0.03	0.3/ 0.03	0.15/ 0.03
<b>Max. frames per second</b>	8.3 <sup>1</sup>	8.3 <sup>1</sup>	8.3 <sup>1</sup>	25/30	25/30	50/60	50/60	25/30
<b>Object temperature range</b>	-40 °C to 550 °C (-40 °F to 1022 °F)	-40 °C to 550 °C (-40 °F to 1022 °F)	-	-	-	-	-	-
<b>Sensitivity</b>	NETD < 50 mK	NETD < 50 mK	NETD < 50 mK	-	-	-	-	-
<b>Detection range (m/yd.)</b>	-	-	567/620 <sup>2</sup> 1739/1902 <sup>3</sup>	-	-	-	-	-
<b>Optical zoom</b>	-	-	-	18	18	32	32	-
<b>Product specific analytics (for standard analytics, see page 42)</b>	Standard analytics	Standard analytics	AXIS Video Motion Detection	Standard analytics	Standard analytics	Active Gatekeeper, Autotracking, Standard analytics	Active Gatekeeper, Autotracking, Standard analytics	Standard analytics
<b>Power</b>	AC	AC	AC	AC	AC	AXIS T8154 60 W SFP Midspan included	AXIS T8154 60 W SFP Midspan included	PoE Class 3
<b>In-/output ports</b>	-	-	-	-	-	8	8	-
<b>Operating temperature</b>	-50 °C to 70 °C (-58 °F to 158 °F)	-40 °C to 70 °C (-40 °F to 158 °F) -60 C model: -60 °C to 40 °C (-76 °F to 104 °F) -50 C UL model: -50 °C to 70 °C (-58 °F to 158 °F)	-40 °C to 70 °C (-40 °F to 158 °F) -60 C model: -60 °C to 40 °C (-76 °F to 104 °F) -50 C UL models: -50 °C to 70 °C (-58 °F to 158 °F)	-50 °C to 70 °C (-58 °F to 158 °F)	-40 °C to 70 °C (-40 °F to 158 °F) -60 C model: -60 °C to 40 °C (-76 °F to 104 °F) UL model: -50 °C to 70 °C (-58 °F to 158 °F)	-50 °C to 50 °C (-58 °F to 122 °F)	-50 °C to 60 °C (-58 °F to 140 °F)	Zone system: -50 °C to 60 °C (-58 °F to 140 °F) Class/Division system: -40 °C to 60 °C (-40 °F to 140 °F)
<b>Outdoor ready approvals</b>	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/IP69/NEMA 4X	IP66/IP67/NEMA 4X	IP66	IP66/IP67/IP68	IP68
<b>WDR</b>	-	-	-	Dynamic contrast	Dynamic contrast	WDR	WDR	Forensic WDR
<b>Lightfinder</b>	-	-	-	-	-	-	-	✓
<b>Zipstream</b>	-	-	✓	-	-	✓	✓	✓
<b>Special features</b>	Athermalized lens Uncooled microbolometer UL-certified Stainless steel Shock detection	Athermalized lens Uncooled microbolometer Stainless steel Worldwide certifications Shock detection	Electronic image stabilization Athermalized lens Uncooled microbolometer Stainless steel Worldwide certifications Shock detection	Stainless steel UL-certified	Stainless steel Worldwide certifications	Stainless steel Class I/II/III Division 1 and Zone 1/2/21/22 DROP compliance	Stainless steel ATEX IECEx EAC Zone 1/2/21/22 IIC, IIIC certified	Aluminum chassis Class I/II/III Division 1 and Zone 1 certified i-CS lens Remote zoom and focus

1. Up to 30 fps within EU, Norway, Switzerland, Canada, USA, Japan, Australia, New Zealand. Up to 8.3 fps in other countries. Frame rate above 9 fps may be subject to export control regulations


2. Detection range measured for humans, 1.8 x 0.5 m, calculated with Johnson's criteria

3. Detection range measured for vehicles, 4 x 1.5 m, calculated with Johnson's criteria






Canon fixed network cameras

	VB-H761LVE	VB-H760VE	VB-H751LE	VB-M741LE
				
Max. video resolution (pixels)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x960 (1.3 MP)
Horizontal field of view	60.4° – 3.2°	60.4° – 3.2°	124.3° – 50.5°	113.4° – 46.5°
Image sensor	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"
Lens	4.7 – 94 mm F1.6 – F3.5 Autofocus 20x optical, 20x digital zoom	4.7 – 94 mm F1.6 – F3.5 Autofocus 20x optical, 20x digital zoom	2.55 – 6.12 mm F1.2 – F1.8 Autofocus 2.4x optical, 4x digital zoom	2.55 – 6.12 mm F1.2 – F1.8 Autofocus 2.4x optical, 4x digital zoom
Day and night	✓	✓	✓	✓
Min. illumination (lux)	0.06 (Color) 0.04 (B/W) 0 (with IR light on)	0.06 (Color) 0.003 (B/W)	0.035 (Color) 0.002 (B/W) 0 (with IR light on)	0.02 (Color) 0.001 (B/W) 0 (with IR light on)
Frames per second	30	30	30	30
Pan/Tilt/Zoom	Digital PTZ	Digital PTZ	Digital PTZ	Digital PTZ
Audio support	Two-way	-	Two-way	Two-way
Alarm in-/output	2/2	-	2/2	2/2
Analytics	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection Scream Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection Scream Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection Scream Detection
Power	AC/DC PoE IEEE 802.3at Type1/Type2	PoE IEEE 802.3at Type1	AC/DC PoE IEEE 802.3at Type1/Type2	AC/DC PoE IEEE 802.3at Type1/Type2
Outdoor ready	✓ (down to -50°C/-58°F)	✓ (down to -10°C/+14°F)	✓ (down to -50°C/-58°F)	✓ (down to -50°C/-58°F)
Other	Clear IR Mode and built-in infrared LEDs, Motion Adaptive Noise Reduction, Area-Specific Data Size Reduction (ADSR), IK09, IP66, ONVIF Profile S & G, Memory card slot	Motion Adaptive Noise Reduction, Area-Specific Data Size Reduction (ADSR), IK09, IP66, ONVIF Profile S & G, Memory card slot	Built-in infrared LEDs, Motion Adaptive Noise Reduction, Area-Specific Data Size Reduction (ADSR), IP66, ONVIF Profile S & G, Memory card slot	Built-in infrared LEDs, Motion Adaptive Noise Reduction, Area-Specific Data Size Reduction (ADSR), IP66, ONVIF Profile S & G, Memory card slot





## Canon fixed dome network cameras

	VB-H730F Mk II	VB-S910F	VB-S905F Mk II	VB-S900F Mk II
				
Max. video resolution (pixels)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x960 (1.3 MP)	1920x1080 (2.1 MP)
Horizontal field of view	112.6° - 36.7°	78.6° - 20.8°	96°	96°
Image sensor	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/4.85"	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"
Lens	2.8 - 8.4 mm F1.2 - F2.0 Autofocus 3x optical, 4x digital zoom	2.25 - 7.88 mm F1.4 - F2.6 Autofocus 3.5x optical, 4x digital zoom	2.7 mm F1.6 Autofocus 4x digital zoom	2.7 mm F1.6 Autofocus 4x digital zoom
Day and night	✓	✓	✓	✓
Min. illumination (lux)	0.3 (Color) 0.015 (B/W)	0.95 (Color) 0.5 (B/W)	0.4 (Color) 0.2 (B/W)	0.4 (Color) 0.2 (B/W)
Frames per second	30	30	30	30
Pan/Tilt/Zoom	Digital PTZ	Digital PTZ	Digital PTZ	Digital PTZ
Audio support	Two-way	Two-way (with built-in microphone)	✓	✓
Alarm in-/outputs	2/2	1/1	1/1	1/1
Analytics	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection, Scream Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection, Scream Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection, Scream Detection
Power	AC/DC PoE IEEE 802.3at Type1	PoE IEEE 802.3af	PoE IEEE 802.3at Type1	PoE IEEE 802.3at Type1
Outdoor ready	-	-	-	-
Other	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) ONVIF Profile S Memory card slot	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) ONVIF Profile S Memory card slot	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) ONVIF Profile S Memory card slot	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) ONVIF Profile S Memory card slot





Canon fixed dome network cameras

	VB-H652LVE	VB-H651VE	VB-H651V	VB-H630VE	VB-H630D
					
<b>Max. video resolution (pixels)</b>	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
<b>Horizontal field of view</b>	122.1° – 50.1°	122.1° – 50.1°	122.1° – 50.1°	111° – 36.5°	111° – 36.5°
<b>Image sensor</b>	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"
<b>Lens</b>	2.55 – 6.12 mm F1.2 – F1.8 Autofocus 2.4x optical, 4x digital zoom	2.55 – 6.12 mm F1.2 – F1.8 Autofocus 2.4x optical, 4x digital zoom	2.55 – 6.12 mm F1.2 – F1.8 Autofocus 2.4x optical, 4x digital zoom	2.8 – 8.4 mm F1.2 – F2.0 Autofocus 3x optical, 4x digital zoom	2.8 – 8.4 mm F1.2 – F2.0 Autofocus 3x optical, 4x digital zoom
<b>Day and night</b>	✓	✓	✓	✓	✓
<b>Min. illumination (lux)</b>	0.035 (Color) 0.002 (B/W) 0 (with IR light on)	0.035 (Color) 0.002 (B/W)	0.035 (Color) 0.002 (B/W)	0.3 (Color) 0.015 (B/W)	0.3 (Color) 0.015 (B/W)
<b>Frames per second</b>	30	30	30	30	30
<b>Pan/Tilt/Zoom</b>	20 presets 360° pan 90° tilt	20 presets 350° pan 150° tilt	20 preset 350° pan 150° tilt	20 preset 350° pan 150° tilt	20 preset 350° pan 150° tilt
<b>Audio support</b>	Two-way	Two-way	Two-way	Two-way	Two-way
<b>Alarm in-/outputs</b>	2/2	2/2	2/2	2/2	2/2
<b>Analytics</b>	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection Scream Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection Scream Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection Scream Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Volume Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Volume Detection
<b>Power</b>	AC/DC PoE IEEE 802.3at Type1/Type2	AC/DC PoE IEEE 802.3at Type1	AC/DC PoE IEEE 802.3at Type1	AC/DC PoE IEEE802.3af	AC/DC PoE IEEE802.3af
<b>Outdoor ready</b>	✓	✓	-	✓	-
<b>Other</b>	Ultra wide-angle lens Built-in infrared LEDs Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) IK10, IP66 ONVIF Profile S & G Memory card slot	Ultra wide-angle lens, Motion Adaptive Noise Reduction, Area-Specific Data Size Reduction (ADSR) IK10, IP66 ONVIF Profile S & G Memory card slot	Ultra wide-angle lens Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) IK10 ONVIF Profile S & G Memory card slot	Ultra wide-angle lens IK10, IP66 ONVIF Profile S Memory card slot	Ultra wide-angle lens ONVIF Profile S Memory card slot

## Canon fixed dome network cameras

	VB-M620D	VB-S800VE	VB-S805D Mk II	VB-S800D Mk II
				
<b>Max. video resolution (pixels)</b>	1280x960 (1.3 MP)	1920x1080 (2.1 MP)	1280x960 (2.1 MP)	1920x1080 (2.1 MP)
<b>Horizontal field of view</b>	111° – 36.5°	93.8°	95°	95°
<b>Image sensor</b>	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"
<b>Lens</b>	2.8 – 8.4 mm F1.2 – F2.0 Autofocus 3x optical, 4x digital zoom	2.7 mm F1.6 4x digital zoom	2.7 mm F1.6 4x digital zoom	2.7 mm F1.6 4x digital zoom
<b>Day and night</b>	✓	✓	✓	✓
<b>Min. illumination (lux)</b>	0.3 (Color) 0.015 (B/W)	0.5 (Color) 0.3 (B/W)	0.45 (Color) 0.25 (B/W)	0.45 (Color) 0.25 (B/W)
<b>Frames per second</b>	30	30	30	30
<b>Pan/Tilt/Zoom</b>	20 presets 350° pan 150° tilt	20 presets 350° pan 90° tilt	20 presets 350° pan 90° tilt	20 presets 350° pan 90° tilt
<b>Audio support</b>	Two-way	Two-way (with built-in microphone)	✓	✓
<b>Alarm in-/output</b>	2/2	1/1	1/1	1/1
<b>Analytics</b>	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Volume Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection Scream Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection Scream Detection
<b>Power</b>	AC/DC PoE IEEE802.3af	PoE IEEE802.3af	PoE IEEE802.3at Type1	PoE IEEE802.3at Type1
<b>Outdoor ready</b>	-	✓	-	-
<b>Other</b>	Ultra wide-angle lens Memory card slot ONVIF Profile S	Ultra wide-angle lens Ultra Low Dispersion Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) IK10, ONVIF Profile S, Memory card slot	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) ONVIF Profile S Memory card slot	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) ONVIF Profile S Memory card slot

Canon fixed dome network cameras

	VB-R13VE	VB-R13	VB-R12VE	VB-M50B
				
Max. video resolution (pixels)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x960 (1.3 MP)
Horizontal field of view	62.6° – 2.2°	62.6° – 2.2°	62.6° – 2.2°	15.6° – 3.2°
Image sensor	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"
Lens	4.4 – 132 mm F1.4 – F4.6 Autofocus 30x optical, 20x digital zoom	4.4 – 132 mm F1.4 – F4.6 Autofocus 30x optical, 20x digital zoom	4.4 – 132 mm F1.4 – F4.6 Autofocus 30x optical, 20x digital zoom	17.7 – 88.5 mm F1.8 – F2.4 Autofocus 5x optical, 20x digital zoom
Day and night	✓	✓	✓	✓
Min. illumination (lux)	0.05 (Color) 0.002 (B/W)	0.05 (Color) 0.002 (B/W)	0.05 (Color) 0.002 (B/W)	0.04 (Color) 0.002 (B/W)
Frames per second	30	30	30	30
Pan/Tilt/Zoom	256 presets 360° endless pan 180° tilt	256 presets 360° endless pan 180° tilt	256 presets 360° endless pan 180° tilt	64 presets 348° pan 105° (-90° to +15°) tilt
Audio support	Two-way	Two-way	-	Two-way
Alarm in-/outputs	2/2	2/2	-	2/2
Product specific analytics (for standard analytics, see page 42)	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection Scream Detection Auto Tracking	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection Scream Detection Auto Tracking	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Auto Tracking	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection Scream Detection
Power	AC/DC PoE IEEE 802.3at Type1/Type2	AC/DC PoE IEEE 802.3at Type1	AC/DC PoE IEEE 802.3at Type1/Type2	AC/DC PoE IEEE 802.3at Type1
Outdoor ready	✓ (down to -50°C / -58°F)	-	✓ (down to -50°C / -58°F)	-
Other	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) IK10, IP66 ONVIF Profile S & G Memory card slot	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) ONVIF Profile S & G Memory card slot	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) IK10, IP66 ONVIF Profile S & G Memory card slot	Large aperture telephoto lens Clear IR Mode Motion-Adaptive Noise Reduction, Area-Specific Data Size Reduction (ADSR) ONVIF Profile S & G Memory card slot

Canon pan/tilt/zoom network cameras

	VB-H45	VB-H45B	VB-M44	VB-M44B	VB-S30D Mk II	VB-S30VE	VB-S31D Mk II
							
Max. video resolution (pixels)	1920x1080 (2.1 MP)		1280x960 (1.3 MP)		1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Horizontal field of view	60.4° – 3.2°		60.4° – 3.2°		77.7° – 20.7°	77.1° – 20.6°	95°
Image sensor	Progressive scan CMOS 1/3"		Progressive scan CMOS 1/3"		Progressive scan CMOS 1/4.85"	Progressive scan CMOS 1/4.85"	Progressive scan CMOS 1/3"
Lens	4.7 – 94 mm F1.6 – F3.5 Autofocus 20x optical, 20x digital zoom		4.7 – 94 mm F1.6 – F3.5 Autofocus 20x optical, 20x digital zoom		2.25 – 7.88 mm F1.4 – F2.6 Autofocus 3.5x optical, 4x digital zoom	2.25 – 7.88 mm F1.4 – F2.6 Autofocus 3.5x optical, 4x digital zoom	2.7 mm F1.6 4x digital zoom
Day and night	✓		✓		✓	✓	✓
Min. illumination (lux)	0.05 (Color) 0.003 (B/W)		0.05 (Color) 0.003 (B/W)		0.95 (Color) 0.5 (B/W)	1.0 (Color) 0.55 (B/W)	0.45 (Color) 0.25 (B/W)
Frames per second	30		30		30	30	30
Pan/Tilt/Zoom	64 presets 340° pan 100° (-90° to +10°) tilt		64 presets 340° pan 100° (-90° to +10°) tilt		64 presets 350° pan 90° (-90° to 0°) tilt	64 presets 350° pan 90° (-90° to 0°) tilt	64 presets 350° pan 90° (-90° to 0°) tilt
Audio support	Two-way		Two-way		✓	Two-way (with built-in microphone)	✓
Alarm in-/outputs	2/2		2/2		1/1	1/1	1/1
Analytics	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection, Intrusion Detection Volume Detection, Scream Detection		Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection, Intrusion Detection Volume Detection, Scream Detection		Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection, Scream Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection, Scream Detection
Power	AC/DC PoE IEEE 802.3at Type1		AC/DC PoE IEEE 802.3at Type1		PoE IEEE 802.3at Type1	PoE IEEE 802.3af	PoE IEEE 802.3at Type1
Outdoor ready	-		-		-	✓	-
Other	Silver	Black	Silver	Black	Motion Adaptive Noise Reduction Area-specific Data Size Reduction (ADSR) Memory card slot ONVIF Profile S	Motion Adaptive Noise Reduction, Area-specific Data Size Reduction (ADSR) IK10, IP66 Memory card slot ONVIF Profile S	Motion Adaptive Noise Reduction Area-specific Data Size Reduction (ADSR) Memory card slot ONVIF Profile S
	Motion Adaptive Noise Reduction Area-specific Data Size Reduction (ADSR) Memory card slot, ONVIF Profile S		Motion Adaptive Noise Reduction Area-specific Data Size Reduction (ADSR) Memory card slot, ONVIF Profile S				

# AXIS Companion

## AXIS Companion VMS

Video management software with PC-client and mobile app, remote access, quick system set-up.



## AXIS Companion Recorders

Network video recorder with PoE switch and surveillance grade hard disk.

AXIS Companion Recorder 4CH 1TB  
 AXIS Companion Recorder 8CH 2TB  
 AXIS Companion Recorder 8CH 4TB



## AXIS Companion System accessories

System accessories to expand the solution.









AXIS Companion Switch 4CH














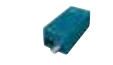
	AXIS Companion 360	AXIS Companion Dome		AXIS Companion Cube		AXIS Companion Eye		AXIS Companion Eye mini	AXIS Companion Bullet	AXIS Companion Bullet mini
		-V	-WV	-L	-LW	-L	-LVE	-L	-LE	-LE
<b>Max. video resolution</b>	2048 x2048 (6 MP)	1920x1080 (2.1 MP)		1920x1080 (2.1 MP)		1920x1080 (2.1 MP)		1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
<b>Horizontal field of view</b>	185°	106°		110°		115°		103°	115°	103°
<b>Day and night</b>	-	-		✓		✓		✓	✓	✓
<b>Min. illumination (lux)Color/B&amp;W</b>	0.3 / -	0.25 / -		0.25 / 0.05		0.2 / 0.04		0 with IR on	0.2 / 0.04	0 with IR on
<b>Audio support/ Built-in mic</b>	- / -	- / -		✓ / ✓		- / -		- / -	- / -	- / -
<b>Power</b>	PoE	PoE	USB	PoE	USB	PoE		PoE	PoE	PoE
<b>Operating temperature</b>	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45°C (32 °F to 113 °F)	0 °C to 40°C (32 °F to 104 °F)	0 °C to 40°C (32 °F to 104 °F)	0 °C to 50 °C (32 °F to 122 °F)	-30 °C to 50 °C (-22 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)	-30 °C to 50 °C (-22 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)
<b>Outdoor ready</b>	-	-		-		-	IP66/NEMA 4X	-	IP66/NEMA 4X	✓
<b>WDR</b>	WDR	WDR		WDR		WDR		WDR	WDR	WDR
<b>Zipstream</b>	✓	✓		✓		✓		-	✓	-
<b>Built-in IR</b>	-	-		✓		✓		✓	✓	✓
<b>WLAN</b>	-	-	✓	-	✓	-		-	-	-
<b>Special features</b>	Digital PTZ, HDMI™, Panoramic	HDMI™, IK08/IP42		Built-in PIR, Built-in speaker and mic.		IP42	IK08	IP66	IK08	IP66
<b>AXIS Companion Recorder required</b>	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Yes	Optional	Yes

AXIS Companion IP cameras are supported only by AXIS Companion video management software and mobile apps for iOS and Android devices.





			Network switches					
			AXIS T8524	AXIS T8516	AXIS T8508	AXIS T8504-E	AXIS T8504-R	
	<b>PoE products</b> For powering up your PoE device via an Ethernet cable	15 W Midspans 30 W Midspans 60 W Midspans AXIS PoE Active Splitter 5 V AF AXIS T8127 60W Splitter 12/24V DC AXIS T8061 Ethernet Surge Protector					 <span style="color: green; font-weight: bold;">NEW</span>	
	<b>Media converters &amp; PoE extenders</b> Solutions for your Ethernet, Fiber or Coaxial connections	<b>Fiber</b> AXIS T8604 Media Converter Switch AXIS T8606 Media Converter Switch 24 V DC AXIS T8611 SFP Module LC.LX AXIS T8612 SFP Module LC.SX AXIS T98A Media Converter Cabinets A <b>Coaxial</b> AXIS T8640 PoE+ over Coax Adapter Kit AXIS T8645 PoE+ over Coax Compact Kit AXIS T8646 PoE+ over Coax Blade Kit AXIS T8648 PoE+ over Coax Blade Compact Kit <b>Ethernet</b> AXIS T8129-E Outdoor PoE Extender AXIS T8129 PoE Extender AXIS T8613 SFP Module 1000BASE-T	<b>Power over Ethernet+ (PoE+) Port Count</b>	24	16	8	4	4
	<b>I/O devices</b> Enhanced detection for motion and audio both indoors and outdoors	AXIS T834 Wireless I/O Series AXIS T8331 PIR Motion Detector AXIS T8331-E PIR Motion Detector AXIS P8221 Network I/O Audio Module AXIS A91 Network I/O Relay Module Series	<b>Power over Ethernet (PoE) total output power</b>	370 W	240 W	130 W	150 W	240 W
	<b>Decoders</b> Enabling analog or digital monitors to connect and to display live video streaming	AXIS P7701 Video Decoder AXIS T8705 Video Decoder	<b>SPF enabler</b>	✓	✓	✓	✓	✓
	<b>Radar detector</b> Accurate breach detection	AXIS D2050-VE Network Radar Detector	<b>Gigabit Ethernet</b>	✓	✓	✓	✓	✓
	<b>Portcast devices</b> Provides Axis cameras with additional functionality	AXIS T6101 Audio and I/O Interface AXIS T6112 Audio and I/O Interface	<b>Rack mount</b>	✓	✓	With AXIS T85 Rack Mount Kit A	-	-
			<b>Outdoor ready</b>	-	-	-	✓	-

## Video encoders

	AXIS Q74 Series						AXIS P72 Series			AXIS M70 Series		
	AXIS Q7436	AXIS Q7424-R Mk II	AXIS Q7414	AXIS Q7411	AXIS Q7404	AXIS Q7401	AXIS P7224	AXIS P7216	AXIS P7214	AXIS M7016	AXIS M7014	AXIS M7011
												
<b>Max. video resolution</b>	720x480 (NTSC) 720x576 (PAL)	720x480 (NTSC) 720x576 (PAL)	720x480 (NTSC) 720x576 (PAL)	720x480 (NTSC) 720x576 (PAL)	720x480 (NTSC) 720x576 (PAL)	720x480 (NTSC) 720x576 (PAL)	720x480 (NTSC) 720x576 (PAL)	720x480 (NTSC) 720x576 (PAL)	720x480 (NTSC) 720x576 (PAL)	720x480 (NTSC) 720x576 (PAL)	720x480 (NTSC) 720x576 (PAL)	720x480 (NTSC) 720x576 (PAL)
<b>Max. frames per second</b>	50/60	25/30	25/30	50/60	25/30	25/30	25/30	25/30	25/30	25/30	15	25/30
<b>Video source (BNC composite inputs)</b>	6	4	4	1	4	1	4	16	4	16	4	1
<b>Audio support</b>	-	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-
<b>Configurable in-/outputs</b>	2 per channel	4	2 per channel	4	2 per channel	4	4	4 per channel	4	-	-	-
<b>Product specific analytics</b>	AXIS Video Motion Detection, Active tampering alarm, AXIS Camera Application Platform	Audio detection, AXIS Video Motion Detection, Active tampering alarm, AXIS Camera Application Platform	Audio detection, AXIS Video Motion Detection, Active tampering alarm, AXIS Camera Application Platform	Audio detection, AXIS Video Motion Detection, Active tampering alarm, AXIS Camera Application Platform	Audio detection, AXIS Video Motion Detection, Active tampering alarm, AXIS Camera Application Platform	Audio detection, AXIS Video Motion Detection, Active tampering alarm, AXIS Camera Application Platform	Audio detection, AXIS Video Motion Detection, Active tampering alarm	Audio detection, AXIS Video Motion Detection, Active tampering alarm	Audio detection, AXIS Video Motion Detection, Active tampering alarm	AXIS Video Motion Detection, Active tampering alarm	AXIS Video Motion Detection, Active tampering alarm	AXIS Video Motion Detection, Active tampering alarm
<b>Pan/tilt/zoom support</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Power</b>	-	DC, PoE	-	DC, PoE	DC	DC, PoE	-	AXIS PS-P power supply (included)	DC, PoE	AXIS PS-P power supply (included)	DC, PoE	PoE
<b>Serial connectors</b>	RS-485	RS-422/RS-485	RS-422/RS-485	RS-422/RS-485	RS-422/RS-485	RS-422/RS-485	RS-422/RS-485	RS-422/RS-485	RS-422/RS-485	RS-422/RS-485	RS-422/RS-485	RS-422/RS-485
<b>Type</b>	Blade	Standalone	Blade	Standalone	Standalone	Standalone	Blade	Standalone	Standalone	Standalone	Standalone	Standalone
<b>Special features</b>	-	Rugged, Operating conditions -40°C - 75 °C (-40 °F - 167 °F), SFP slot	-	Coax PTZ Control	Two-way audio on one channel	Supports power output for analog camera	-	SFP slot	-	-	-	-

## Rack solutions

	12 Channel Rack	84 Channel Rack
	AXIS 291 1U 	AXIS Q7920 
Number of slots	3	14
Blades supported	AXIS Q7436 AXIS Q7414 AXIS P7224	AXIS Q7436 AXIS Q7414 AXIS P7224
Maximum number of channels	18	84
Rack size	1U	5U
Rack width (inch)	19	19
Built-in power supply	Power supply	Two redundant power supplies
Network	One Ethernet 10BASE-T/100BASE-TX/1000BASE-T (Gigabit Ethernet) port	Four Ethernet 10BASE-T/100BASE-TX/1000BASE-T (Gigabit Ethernet) ports, Four SFP slots



AXIS TOOLS

**Just what you need  
– when you need it.**

Discover our online palette of opportunities for surveillance system integrators. Using these digital tools will help you save time and make your work simpler, regardless of project stage and task. Let's work together!

Find the right tools for the job at  
[axis.com/tools](http://axis.com/tools)

## Accessories

Axis provides a full range of high-quality accessories to complement your system of network video, network audio, and access control products, helping you to create optimal solutions in your day-to-day work.

### Network video accessories



### Access control accessories



### Audio systems accessories



### System devices accessories



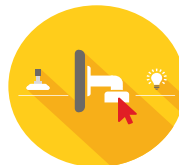
### Canon accessories



## Accessory selector

Go to the Axis accessory selector to find the right accessories for your Axis products and for more information about different mounting placements.

[www.axis.com/products/accessory-selector](http://www.axis.com/products/accessory-selector)



AXIS Accessory Selector

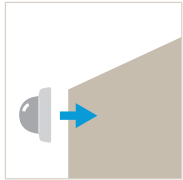


## Housings & cabinets

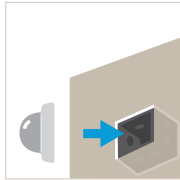
Axis network video housings & cabinets, worldwide

	Product	Compatible with:
	AXIS T92E Housing Series Aluminum construction Indoor/Outdoor AXIS T92E05: Power not required AXIS T92E20: PoE IEEE 802.3af or High PoE	AXIS T92E05: AXIS M11 Series, AXIS P13 Series AXIS T92E20: AXIS P13 Series, AXIS Q16 Series
	AXIS T93F Housing Series Impact-resistant polymer, Indoor/Outdoor AXIS T93F05: Power not required AXIS T93F10: 12-28 V DC; 20-24 V AC AXIS T93F20: PoE IEEE 802.3af or High PoE	AXIS M1124, AXIS M1125 (AXIS T93F05/T93F20) AXIS P13 Series AXIS Q16 Series
	AXIS T93G05 Protective Housing Impact-resistant polymer, Indoor/Outdoor Power not required	AXIS M1124 AXIS M1125
	AXIS T93C10 Outdoor Housing	AXIS Q1659 10-22 mm AXIS Q1659 24 mm AXIS Q1659 35 mm AXIS Q1659 50 mm AXIS Q1659 85 mm AXIS Q1659 100 mm  Compatible together with AXIS T93C Extension Kit: AXIS Q1659 55-250 mm  NOT compatible: AXIS Q1659 70-200 mm
	AXIS T98A-VE Cabinet Series: AXIS T98A15-VE AXIS T98A16-VE AXIS T98A17-VE AXIS T98A18-VE AXIS T98A19-VE	See: <a href="http://www.axis.com/products/enclosure-cabinets/axis-t98a-ve-surveillance-cabinet-series">www.axis.com/products/enclosure-cabinets/axis-t98a-ve-surveillance-cabinet-series</a>

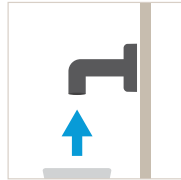
Wall direct



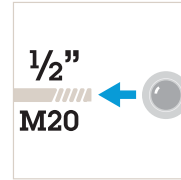
Wall gang box



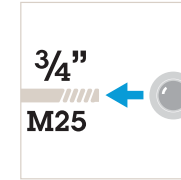
Wall pendant



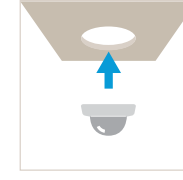
Conduit 1/2" /M20



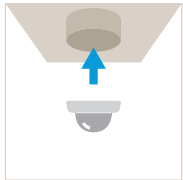
Conduit 3/4" /M25



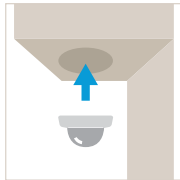
Recessed ceiling tile



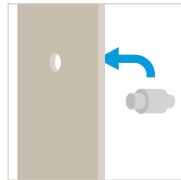
Recessed hole



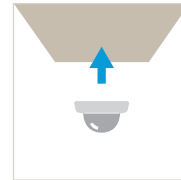
Recessed outdoor soffit



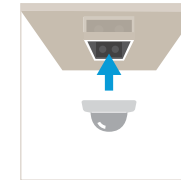
Behind surface



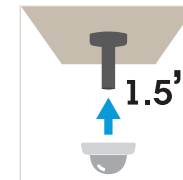
Ceiling direct



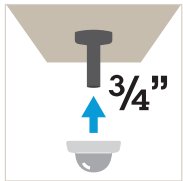
Ceiling junction and gang box



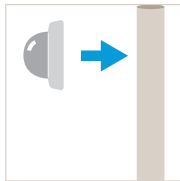
Ceiling pendant 1.5" NPS



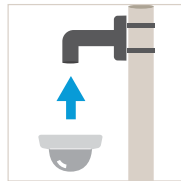
Ceiling pendant 3/4" NPS



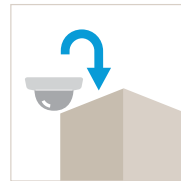
Pole direct



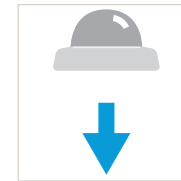
Pole pendant



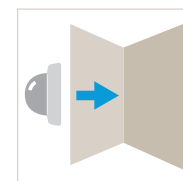
Parapet



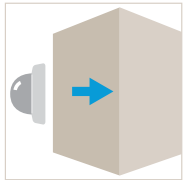
Column top



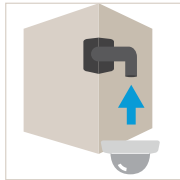
Interior corner



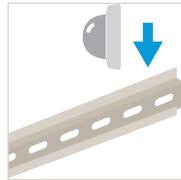
External corner direct



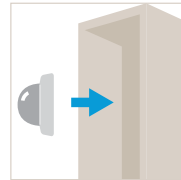
External corner pendant



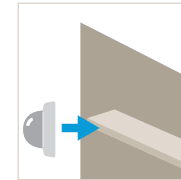
DIN Rail



Rack



Shelf










Adaptable to any environment!



## Network video recorders

## Desktop terminals 38

AXIS Camera Station video management software included



	AXIS S20 Series			AXIS S11 Series			
	AXIS S2024	AXIS S2016	AXIS S2008	AXIS S1148	AXIS S1132	AXIS S9201	AXIS S9101
							
	Compatible with all Axis network cameras and encoders including HD, Standard resolution, High resolution, Pan Tilt Zoom and Thermal cameras with firmware 4.30 or later.						
<b>Number of channels and AXIS Camera Station licenses</b>	24	16	8	48	32	AXIS Camera Station client included	AXIS Camera Station client included
<b>Memory</b>	1x 8GB	1x 8GB	2x 4GB	24 TB: 8 GB 64 TB: 16 GB 140 TB: 32 GB	1x 8GB	1 x 8GB	1 x 8GB
<b>Recording storage</b>	3x 4TB	2x 4TB	1x 4TB	24 TB: 6 x 4 TB (20 TB usable space after RAID) 64 TB: 8 x 8 TB (56 TB usable space after RAID) 140 TB: 14 x 10 TB (120 TB usable space after RAID)	4x 4TB (12TB usable space after RAID)	-	-
<b>Operating system</b>	Microsoft Windows 10 IoT Enterprise						
<b>Live Video streams</b>	25 split views or 1x 4K Ultra HD views	25 split views or 1x 4K Ultra HD views	25 split views or 1x 4K Ultra HD views	-	-	25 split views or 1 x 1080p views	25 split views or 1 x 4K Ultra HD views
<b>Recording</b>	384 Mbit/s	256 Mbit/s	128 Mbit/s	64 Channels 512 Mbit/s	48 Channels 384 Mbit/s	-	-
<b>Power</b>	Max: 500 W, 100 to 240 V AC 277 W PoE Dedicated	Max: 500 W, 100 to 240 V AC 277 W PoE Dedicated	Max: 280 W, 140 W PoE Dedicated	24 TB: Max 495 W, 100 to 240 V AC 64 TB: Max 750 W, 100 to 240 V AC 140 TB: Max 750 W, 100 to 240 V AC	Max: 350 W, 100 to 240 V AC	Max: 155 W 90 to 264 V AC	Max: 65 W 90 to 264 V AC
<b>Connectors</b>	2x USB 2.0, 2x USB 3.0, 1x VGA, 1x HDMI™, 1x eSATA, 24x PoE RJ45 Switch uplinks: 1xRJ45 & 1xSFP Server uplinks: 1xRJ45 & 1xSFP	2x USB 2.0, 2x USB 3.0, 1x VGA, 1x HDMI™, 1x eSATA, 16x PoE RJ45 Switch uplinks: 1xRJ45 & 1xSFP Server uplinks: 1xRJ45 & 1xSFP	2x USB 2.0, 2x USB 3.0, 1x VGA, 1x HDMI™, 8x PoE RJ45 Switch uplinks: 1xRJ45 & 1xSFP Server uplinks: 1xRJ45 & 1xSFP	2x USB 3.1, 1x USB 3.1 Type-C, 2x USB 2.0, 2x Ethernet (RJ45), 2x VGA, 1x Serial port	4x USB 2.0, 2x Ethernet (RJ45), 2x VGA, 1x Serial port	4x USB 3.0, 2x USB 2.0, 1x HDMI™ 1.4, Display Port 1.2, Universal Audio Jack, Ethernet, Line out	6x USB 3.1 Gen 1, 1x HDMI™ 1.4, Display Port 1.2, Universal Audio Jack, Ethernet, Line out
<b>Supported monitors</b>	2	2	2	Complete with Desktop Terminal	Complete with Desktop Terminal	1 included, 2 additional supported	2
<b>Warranty</b>	3 years, advanced replacement service			3 years, onsite hardware replacement service			
<b>Other</b>	Rack mounting brackets	Rack mounting brackets	Mounting brackets	Rack mounting brackets	Rack mounting brackets	Complete with either AXIS S1032 Mk II or AXIS S1148	Complete with either AXIS S1032 Mk II or AXIS S1148

## Video management software




	AXIS Companion VMS 	AXIS Camera Station 
<b>Number of cameras</b>	≤ 16	≤ 100
<b>Product compatibility</b>	AXIS Companion product line Axis total portfolio (as from firmware 5.50)	Axis total portfolio, Onvif*
<b>Licenses</b>	Free	Licensed, included in AXIS S10 and AXIS S20 Series
<b>Triggers and actions</b>	Moderate	Advanced
<b>Alarm handling</b>	Moderate	Advanced
<b>Multi-site management</b>	Yes	Yes
<b>Main interface</b>	Mobile app, PC	Windows client, supporting multiple monitors, joystick and controlboard
<b>Free mobile app</b>	✓	✓

\*Except for AXIS Companion products. AXIS Companion IP cameras are supported only by AXIS Companion video management software and mobile apps for iOS and Android devices.



Network door stations

	AXIS A8004-VE	AXIS A8105-E
		
Max. video resolution	1280x960	1920x1200
Horizontal field of view	97°	180°
Dimensions (H x D x W)	260 x 140 x 55.5 mm 10 x 5.5 x 2.2 inch	147.5 x 35 x 48 mm 5.81 x 1.38 x 1.89 inch
Max. frames per second	25/30	50/30
Min. illumination (lux) Color/B&W	0.4/-	1.96/-
Audio support	✓	✓
Built-in mic	✓	✓
Built-in speaker	✓	✓
Ports	2x Relay output 4x I/O, Line out	1x Relay output 2x I/O
Additional analytics*	Audio detection, Shock detection	Audio detection, Shock detection
Power	DC, PoE, PoE+	PoE Class 3
Operating temperature	-25 °C to 50 °C (-13 °F to 122 °F)	-25 °C to 55 °C (-13 °F to 131 °F)
Outdoor ready approvals	IP66/IP67/NEMA 4X	IP65/NEMA 4X
WDR	Dynamic Capture	Forensic Capture
Zipstream	-	✓
SIP (VoIP)	✓	✓
Special features	ACAP, IK08	ACAP, Mullion style installation, UL294




Network door controllers

	with embedded AXIS Entry Manager AXIS A1001	with partner software	AXIS A1601 with partner software
			
ONVIF Profile	A and C	A and C	A and C
Door controllers per system	33	Partner dependant	Partner dependant
Readers per system	66	Partner dependant	Partner dependant
Readers per controller	≤ 2 (Wiegand, RS485, (OSDP)	≤ 2 (Wiegand, RS485, (OSDP)	≤ 2 (Wiegand, RS485, (OSDP)
Credentials per controller	≤ 400	≤ 50 000	≤ 70 000
Number of relays	2 lock outputs	2 lock outputs	2 form C relays
Number of I/Os	2	2	6
Power	DC, PoE	DC, PoE	DC, PoE+
Plenum rated	✓	✓	✓
UL 294	✓	✓	Certification in progress
Operating temperature	0 °C to 50 °C (32 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)	-40 °C to 55 °C (-40 °F to 131 °F)

Card readers




	AXIS A4011-E	AXIS A4010-E
		
Keypad	✓	-
LED symbols	✓	✓
RS-485 - OSDP	✓	✓
Power	DC	DC
Outdoor ready	IP54	IP65
UL 294	✓	✓


Network I/O relay modules


	AXIS A9188	AXIS A9188-VE	AXIS A9161
			
Number of I/Os	8	8	6
Number of relays	8	8	1
Power in	DC, PoE, PoE+	DC, PoE, PoE+	DC, PoE
Power out	DC	DC	DC
Outdoor ready	-	✓	-
Approvals	-	UL 294	-
ACAP support	✓	✓	✓




# Network audio systems

	Network speakers		
	AXIS C3003-E	AXIS C2005	AXIS C1004-E
			
<b>Form factor</b>	Horn	In ceiling	Cabinet
<b>Background music</b>	-	✓	✓
<b>Voice announcements</b>	✓	✓	✓
<b>Onboard audio clips</b>	✓	✓	✓
<b>Amplifier (Watt)</b>	7	6	6
<b>Power</b>	PoE	PoE	PoE
<b>Sound pressure (1m@1W in dB)</b>	>121	>95	>96
<b>Frequency response</b>	280 Hz - 12,5 kHz	45 Hz - 20 kHz	60 Hz - 20 kHz
<b>Memory card slot</b>	-	✓	✓
<b>Built-in mic</b>	✓	✓	✓
<b>IP rating</b>	IP66/IP67	-	IP45
<b>Outdoor ready</b>	✓	-	✓
<b>Special features</b>	VAPIX, ACAP, SIP	AXIS Audio Player included, VAPIX, ACAP, SIP	AXIS Audio Player included, VAPIX, ACAP, SIP

	Audio Management Software
	AXIS C7050
	
<b>Memory</b>	1 x 8GB
<b>Storage</b>	128GB
<b>Operating system</b>	Microsoft Windows 10 IoT Enterprise
<b>Power</b>	Max: 65 W 90 to 264 V AC
<b>Connectors</b>	6x USB 3.1 Gen 1, 1x HDMI™ 1.4, Display Port 1.2, Universal Audio Jack, Ethernet, Line out
<b>Supported monitors</b>	Max: 65 W 90 to 264 V AC
<b>Number of supported Axis devices</b>	15000+
<b>Licences included</b>	300
<b>Number of zones</b>	1000
<b>Extra licence pack available</b>	✓
<b>Multisite management</b>	✓
<b>Warranty</b>	3 years, onsite hardware replacement service

	Network microphone
	2N SIP Mic
	
<b>Microphone type</b>	Paging console
<b>Configurable buttons</b>	12
<b>Voice announcements</b>	✓
<b>Onboard audio clips</b>	✓
<b>Power</b>	PoE, DC
<b>Frequency response</b>	400 Hz - 7.5 kHz (-10 dB), 275 Hz - 12 kHz (-20 dB)
<b>Memory card slot</b>	-
<b>Outdoor ready</b>	-
<b>Special features</b>	VAPIX, SIP

	Network Audio Bridge
	AXIS C8033
	
<b>Audio line level input</b>	3-pole 3.5 mm jack
<b>Audio line level output</b>	RCA L+R
<b>Background music</b>	✓
<b>Voice announcements</b>	✓
<b>Onboard audio clips</b>	✓
<b>Configurable I/O:s</b>	2
<b>Power</b>	PoE, DC
<b>Frequency response</b>	20 Hz - 20 kHz
<b>Memory card slot</b>	✓
<b>Built-in mic</b>	-
<b>IP rating</b>	IP20
<b>Outdoor ready</b>	-
<b>Special features</b>	AXIS Audio Player included, VAPIX, ACAP, SIP

## Axis analytics applications

### Business intelligence applications

#### AXIS Store Optimization Suite:

- ◆ AXIS People Counter
- ◆ AXIS 3D People Counter
- ◆ AXIS Queue Monitor
- ◆ AXIS Occupancy Estimator
- ◆ AXIS Store Reporter
- ◆ AXIS Store Data Manager

### Security applications

#### AXIS Loss Prevention Suite:

- ◆ AXIS Tailgating Detector
- ◆ AXIS Direction Detector
- ◆ AXIS Random Selector

#### AXIS Perimeter Defender

#### AXIS Guard Suite:

- ◆ AXIS Fence Guard
- ◆ AXIS Motion Guard
- ◆ AXIS Loitering Guard

*AXIS Guard Suite is available at no extra cost for Axis Q-line products with firmware 7.x or higher.*

#### AXIS Cross Line Detection

#### AXIS Video Motion Detection

#### AXIS License Plate Verifier

*Available in selected countries in Europe and Israel*

#### AXIS Digital Autotracking

#### AXIS Radar Autotracking for PTZ

## Standard analytics in Axis network video products

- AXIS Video Motion Detection
- Active tampering alarm
- AXIS Camera Application Platform<sup>1</sup>

1) AXIS P72 and AXIS M70 Video Encoders do not support ACAP.

## Common product features in Axis network video products

### Axis network camera and video encoder features:

- > AXIS Video Hosting System with One-click Connection
- > ONVIF Profile S compliant
- > Video compression
  - H.264
  - Motion JPEG
- > Security
  - Multi-level passwords
  - IP-filtering
  - HTTPS encryption
  - IEEE 802.1X<sup>2</sup>
- > Network
  - IPv4/IPv6 and QoS

2) Except AXIS P39-R Series, specially designed for onboard surveillance and certain Axis video encoders.

# What's your challenge?

More info about Axis technologies: [www.axis.com/products-and-solutions/technologies](http://www.axis.com/products-and-solutions/technologies)



Backlighting, and scenes with both bright and dark areas.



**Forensic WDR**

Surveillance in completely dark environments.



**OptimizedIR**

Saving bandwidth and space without sacrificing valuable information.



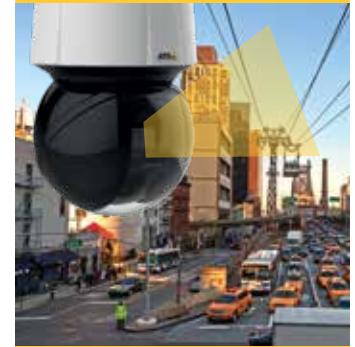
**Zipstream**

Capturing color images in low-light conditions.



**Lightfinder**

Sharp recordings, in all directions and above the horizon.



**Sharpdome**

ONVIF®

Axis products support one or several of the following ONVIF profiles:

- > Profile A – For broader access control configuration
- > Profile C – For IP-based basic access control
- > Profile G – For edge storage and retrieval
- > Profile S – For video streaming and configuration
- > Profile T – For advanced video streaming

For more information on ONVIF, please go to:

[www.axis.com/technologies/onvif](http://www.axis.com/technologies/onvif) or [www.onvif.org](http://www.onvif.org)



# About Axis Communications

Axis enables a smarter and safer world by creating network solutions that provide insights for improving security and new ways of doing business. As the industry leader in network video, Axis offers products and services for video surveillance and analytics, access control, and audio systems. Axis has more than 3,000 dedicated employees in over 50 countries and collaborates with partners worldwide to deliver customer solutions. Axis was founded in 1984 and has its headquarters in Lund, Sweden.

For more information about Axis, please visit our website [www.axis.com](http://www.axis.com).

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