

Q3 2020

Product comparison tables

Network video, audio and access control



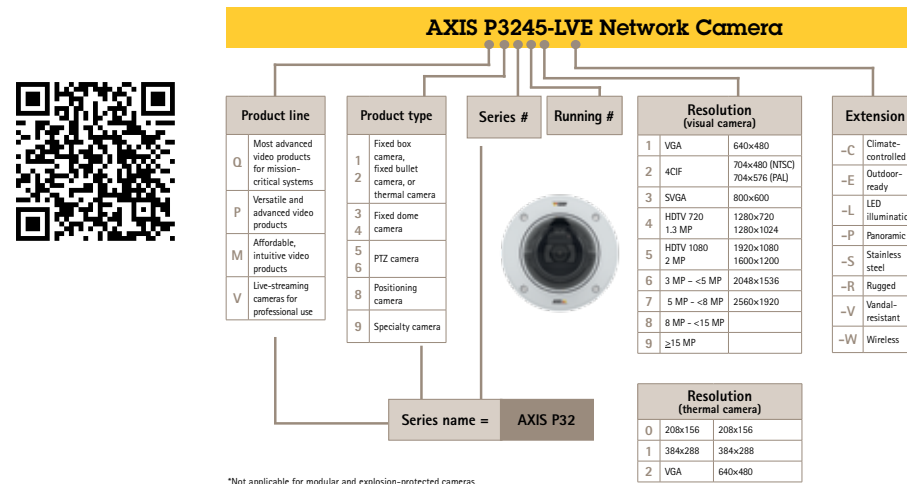
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Product naming structure - Guide

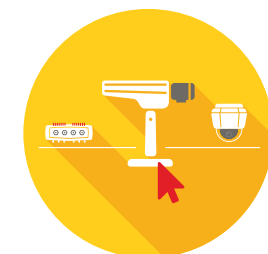
This guide explains Axis product naming structure in a comprehensive manner and gives useful information on the product and product features.

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

What's your challenge?

More info about Axis technologies: www.axis.com/products-and-solutions/technologies



Saving bandwidth and space without sacrificing valuable information.

[Zipstream](#)



Backlighting, and scenes with both bright and dark areas.

[Forensic WDR](#)



Capturing color images in low-light conditions.

[Lightfinder](#)



Surveillance in completely dark environments.

[OptimizedIR](#)



Smooth video all the way.

[Electronic image stabilization](#)



Keeping false alarms to a minimum.

[Radar](#)



Reliable detection and verification, round-the-clock.

[Thermal imaging](#)



The benefits of a network solution.

[From analog to IP](#)

ONVIF®

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

- > Profile A – For access control configuration
- > Profile C – For door control and event management
- > Profile G – For edge storage and retrieval
- > Profile S – For basic video streaming
- > Profile T – For advanced video streaming

For more information on ONVIF, please go to: www.axis.com/technologies/onvif or www.onvif.org



Axis fixed box cameras

	AXIS Q16 Series						
	AXIS Q1659 ¹	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)
Sensor size/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°	1/2" 3.9-10 mm, F1.5, 110° - 44°	1/2" 3.9 - 10 mm, F1.5, 92° - 44°	1/2" 3.9-10 mm, F1.5 109° - 42°	1/2" 3.9-10 mm, F1.5, 92° - 42°	1/2.8" 2.8 - 8.5 mm, F1.2, 115° - 39°	1/2.8" 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 43)	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/H.264/H.265	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -
Optimized IR / 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 P1378	 AXIS P1378-LE	 AXIS P1377	 AXIS P1377-LE	 AXIS P1375	 AXIS P1375-E
Max. video resolution	3840x2160 (8.3 MP)	3840x2160 (8.3 MP)	2592x1944 (5 MP)	2592x1944 (5 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	1/1.8", 3.9 – 10 mm, F1.5, 119° – 45°	1/1.8", 3.9 – 10 mm, F1.5, 115° – 45°	1/2.7", 2.8 – 8 mm, F1.2, 111° – 38°	1/2.7", 2.8 – 8 mm, F1.2, 90° – 38°	1/2.8", 2.8 – 8 mm, F1.2, 124° – 42°	1/2.8", 2.8 – 8 mm, F1.2, 107° – 42°
Day and night	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.15/0.03	0.15/0.03	0.13/0.03	0.13/0.03	0.05/0.01	0.05/0.01
Max. frames per second	25/30	25/30	25/30	25/30	50/60	50/60
Audio support/ Built-in mic	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓
Product specific analytics (for standard analytics, see page 43)	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, DC	PoE Class 3 (with IR disabled), DC	PoE Class 3, DC	PoE Class 3 (with IR disabled), DC	PoE Class 3, DC	PoE Class 3, DC
In-/output ports	2/2	2/2	2/2	2/2	2	2
Operating temperature	-10 °C to 55 °C (-14 °F to 131 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-10 °C to 55 °C (-14 °F to 131 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	0 °C to 50 °C (32 °F to 122 °F)	-40 °C to 60 °C (-40 °F to 140 °F)
Outdoor ready approval	-	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X
WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR
Lightfinder	✓	✓	✓	✓	✓	✓
Zipstream/H.264 / H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Optimized IR / Built-in IR	- / -	✓ / ✓	- / -	✓ / ✓	- / -	- / -
Special features	Video streaming indicator Defogging Shock detection Electronic image stabilization Secure boot	IK10 Video streaming indicator Defogging Shock detection Electronic image stabilization Secure boot	Video streaming indicator Defogging Shock detection Electronic image stabilization Secure boot	IK10 Video streaming indicator Defogging Shock detection Electronic image stabilization Secure boot	Video streaming indicator Defogging Shock detection Electronic image stabilization Secure boot	IK10 Defogging Shock detection Electronic image stabilization Secure boot

Axis fixed box cameras

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	AXIS M11 Series						AXIS M10 Series		
	AXIS M1145-L 	AXIS M1134 	AXIS M1135 	AXIS M1135-E 	AXIS M1137 	AXIS M1137-E 	AXIS M1065-L 	AXIS M1065-LW 	AXIS M1045-LW 
Max. video resolution	1920x1080 (2.1 MP)	1280x720 (1.3 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	2592x1944 (5 MP)	2592x1944 (5 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	1/2.9", 3 - 10.5 mm, F1.4, 95° - 34°	1/3", 3 - 10.5 mm, F1.4, 90° - 33°	1/3", 3 - 10.5 mm, F1.4, 90° - 33°	1/3", 3 - 10.5 mm, F1.4, 90° - 33°	1/3", 2.8 - 13 mm, F1.4, 112° - 24°	1/3", 2.8 - 13 mm, F1.4, 112° - 24°	1/3", 2.8 mm, F2.0, 110°	1/3", 2.8 mm, F2.0, 110°	1/3", 2.8 mm, F2.0, 110°
Day and night	✓	✓	✓	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.4/ 0.08	0.15/ 0.03	0.15/ 0.03	0.15/ 0.03	0.17/ 0.03	0.17/ 0.03	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	25/30
Audio support/ Built-in mic	- / -	✓ / ✓	✓ / ✓	✓ / -	✓ / ✓	✓ / -	✓ / ✓	✓ / ✓	- / -
Product specific analytics (for standard analytics, see page 43)	Standard analytics	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	PoE Class 2, DC	DC	DC
In-/output ports	1/1	2	2	2	2	2	-	-	-
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)	-25 °C to 50 °C (-13 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-25 °C to 50 °C (-13 °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	Forensic Capture	WDR	WDR	WDR
Lightfinder	-	✓	✓	✓	✓	✓	-	-	-
Zipstream/H.264/H.265	- / ✓ / -	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -
Optimized IR/Built-in IR	✓ / ✓	- / -	- / -	- / -	- / -	- / -	- / ✓	- / ✓	- / ✓
Special features	-	Secure boot Video streaming indicator	Secure boot Video streaming indicator	IK10 Secure boot Video streaming indicator	Secure boot Video streaming indicator	IK10 Secure boot Video streaming indicator	Built-in PIR	Built-in PIR WLAN	WLAN

Axis fixed bullet cameras

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	AXIS Q17 Series				AXIS P14 Series				AXIS M20 Series		
	AXIS Q1798-LE	AXIS Q1786-LE	AXIS Q1785-LE	AXIS Q1700-LE	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	3712x2784 (10.3 MP)	2560x1440 (3.7 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)
Sensor size/Lens/ Horizontal field of view	4/3", 12 - 48 mm, F1.7 - 4.0, 90° - 21°	1/1.8", 4.3 - 137 mm, F1.4 - 4.0, 60° - 2.3°	1/2.8", 4.3 - 137 mm, F1.4 - 4.0, 60° - 2.3°	1/2.8", 18 - 137 mm, F2.9 - 4.1, 16° - 2.3°	1/2.5", 2.8 - 9.8 mm, F1.6, 109° - 37°	1/2.9", 2.8 - 8.5 mm, F1.2, 104° - 36°	1/2.8", 2.8-8.5 mm, F1.2 110° - 38°	1/2.8", 2.8-8.5 mm, F1.2 110° - 38°	1/2.8", 3 - 10.5 mm, F1.4, 95°-35° 10 - 22 mm, F1.85, 34.5° - 18°	1/3", 2.4 mm, F2.2, 130°	1/2.8", 2.8 mm, F2.0, 115°
Day and night	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Min. illumination (lux)Color/B&W	0.04/0.008	0.18/0.04	0.16/0.03	0.16/0.03	0.18/ 0.04	0.15/0.03	0.07/0.01	0.07/0.01	0.12/ 0.01	0.3/ 0.06	0.2/ 0.04
Max. frames per second	25/30	50/60	50/60	50/60	25/30	25/30	50/60	50/60	50/60	25/30	25/30
Optical zoom	4x/8x	32x	32x	8x	3.5x	3x	3x	3x	10.5mm: 3.5x 22mm: 2x	-	-
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	- / -	- / -	- / -
Product specific analytics (for standard analytics, see page 43)	AXIS Guard Suite Audio detection Standard analytics	AXIS Guard Suite Audio detection Gatekeeper Standard analytics	AXIS Guard Suite Audio detection Gatekeeper Standard analytics	Support for installation of third-party edge- or serverbased 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 4, 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	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 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)	-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/IP67/NEMA 4X	IP66/sNEMA 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		Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic Capture	WDR	Forensic Capture
Lightfinder	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-
Zipstream/ H.264/H.265	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / ✓	✓ / ✓ / -
OptimizedIR/Built- in IR	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	- / ✓	- / ✓
Special features	Electronic image stabilization IK10 Defogging Secure boot Video streaming indicator	Electronic image stabilization IK10 Defogging	Electronic image stabilization IK10 Defogging	Electronic image stabilization IK10, Defogging Built-in license plate capture assistant	IK10	IK10	IK10	IK10	IK08	IK08	IK08

Axis modular cameras

	AXIS F Series										
	AXIS F44 Dual Audio Input 	AXIS F41 	AXIS F34 	AXIS F4005 ² 	AXIS F4005-E ² 	AXIS F1035-E ² 	AXIS F1025 ² 	AXIS F1015 ² 	AXIS F1005-E ² 	AXIS F1004 ² AXIS F1004 Bullet ² 	AXIS F1004 Pinhole ² 
Max. video resolution	1920x1080 (2.1 MP)	1920x1200 (2.3 MP)	1920x1080 (2.1 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)
Sensor size/Lens/ Horizontal field of view	-	-	-	1/2.8", 2.8 mm, F2.0, 113°	1/2.8", 2.8 mm, F2.0, 110°	1/2.8", 1.3 mm, F2.8, 194°	1/2.8", 3.7 mm, F2.5, 92°	1/2.8", 3-6 mm, F2.0, 97° - 52°	1/2.8", 2.8 mm, F2.0, 113°	1/4", 2.1 mm, F2.2, 102°	1/4", 3.7 mm, F2.5, 57°
Day and night	-	-	-	-	-	-	-	-	-	-	-
Min. illumination (lux) Color/B&W	-	-	-	0.3/-	0.3/-	0.3/-	0.3/-	0.3/-	0.3/-	0.4/-	0.5/-
Max. frames per second	25/30	50/60	25/30	50/60	50/60	50/60	50/60	50/60	50/60	25/30	25/30
Audio support/ Built-in mic	✓ / -	✓ / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Product specific analytics for standard analytics, see page 43)	Audio detection Standard analytics	Audio detection Standard analytics	Standard analytics	-	-	-	-	-	-	-	-
Power	PoE Class 3, DC	PoE Class 3, DC	PoE Class 3, DC	-	-	-	-	-	-	-	-
In-/output ports	4	4	-	-	-	-	-	-	-	-	-
Operating temperature	-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)	-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)
Outdoor ready approvals	-	-	-	-	IP66	IP66/IP67/NEMA 4X	-	-	IP66/IP67/NEMA 4X	-	-
WDR	Forensic Capture	Forensic Capture	Dynamic contrast	Forensic Capture ³	Forensic Capture ³	Forensic Capture ³	Forensic Capture ³	Forensic Capture ³	Forensic Capture ³	WDR	WDR
Lightfinder	-	-	-	-	-	-	-	-	-	-	-
Zipstream/H.264/H.265	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
OptimizedIR/Built-in IR	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Special features	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	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. With AXIS F41/AXIS F44 Main Unit

Axis modular cameras

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	AXIS FA Series						
	AXIS FA54 	AXIS FA4115¹ 	AXIS FA4090-E¹ 	AXIS FA3105-L¹ 	AXIS FA1125¹ 	AXIS FA1105¹ 	AXIS FA1080-E¹ 
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	208x156	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	208x156
Sensor size/Lens/ Horizontal field of view	-	1/3", 2.8 - 6.0 mm, F2.0, 99° - 53°	Uncooled microbolometer Athermalized lens 4 mm, F1.2, 35.4°	1/3", 3.13 mm, F2.0, 103°	1/3", 3.7 mm, F2.5, 91°	1/3", 2.8 mm, F2.0, 111°	Uncooled microbolometer Athermalized lens 4 mm, F1.2, 35.4°
Day and night	-	-	-	-	-	-	-
Min. illumination (lux) Color/B&W	-	0.2/-	-	0.2/-	0.25/-	0.2/-	-
Max. frames per second	25/30	25/30	8.3	25/30	25/30	25/30	8.3
Audio support/ Built-in mic	✓ / -	- / -	- / -	- / -	- / -	- / -	- / -
Product specific analytics (for standard analytics see page 43)	Audio detection Standard analytics	-	-	-	-	-	-
Power	DC	-	-	-	-	-	-
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)	-30 °C to 55 °C (-22 °F to 131 °F)	0 °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)	-30 °C to 55 °C (-22 °F to 131 °F)
Outdoor ready approvals	-	-	IP66/IP67/NEMA 4	-	-	-	IP66/IP67/NEMA 4
WDR	Forensic WDR	Forensic WDR	-	Forensic WDR	Forensic WDR	Forensic WDR	-
Lightfinder	-	-	-	-	-	-	-
Zipstream/H.264/H.265	✓ / ✓ / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
Optimized IR/Built-in IR	- / -	- / -	- / -	- / ✓	- / -	- / -	- / -
Special features	Supports 4 sensor units 2x memory card slots HDMI™ Quad view	Varifocal lens	-	Standard lens	Pinhole lens	Standard lens	-

1. For use with AXIS FA Main Unit

Axis modular cameras

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	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
											
Max. video resolution	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)
Sensor size/Lens/ Horizontal field of view	Uncooled microbolometer Athermalized lens 4 mm, F1.2, 35.4°	Uncooled microbolometer Athermalized lens 4 mm, F1.2, 35.4°	1/2.9", 2.8 - 6 mm, F2.0, 99° - 53°	1/2.9", 3.7 mm, F2.5, 91°	1/4", 3.7 mm, F2.5, 57°	1/4", 2.1 mm, F2.2, 102°	1/2.9", 2.8 mm, F2.0, 111°	1/4", 2.1 mm, F2.2, 102°	1/4", 1.56 mm, F2.8, 145°	1/4", 3.7 mm, F2.5, 57°	1/4", 2.8 mm, F2.0, 81°
Day and night	-	-	-	-	-	-	-	-	-	-	-
Min. illumination (lux) Color/B&W	-	-	0.22/-	0.27/-	0.5/-	0.4/-	0.22/-	0.4/-	1.8/-	1.2/-	1.0/-
Max. frames per second	8.3 ¹	8.3 ¹	25/30	25/30	25/30	25/30	25/30	25/30	25/30	25/30	25/30
Sensitivity	NETD < 100 mK	NETD < 100 mK	-	-	-	-	-	-	-	-	-
Detection range (m/yd.)	166/182 ² 511/559 ³	166/182 ² 511/559 ³	-	-	-	-	-	-	-	-	-
Audio support/ Built-in mic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Product specific analytics (for standard analytics, see page 43)	Video Motion Detection	Video Motion Detection	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Power	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 2, DC	PoE Class 2, DC
In-/output ports	-	-	-	-	-	-	-	-	1/1	1/1	1/1
Operating temperature	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)
Outdoor ready approvals	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	-	-	-	-	-	-	IP66/NEMA 4X	-	IP66/NEMA 4X
WDR	-	-	Forensic Capture	Forensic Capture	WDR	WDR	Forensic Capture	WDR	-	-	-
Lightfinder	-	-	-	-	-	-	-	-	-	-	-
Zipstream/H.264/H.265	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	- / ✓ / -	- / ✓ / -	- / ✓ / -
OptimizedIR/Built-in IR	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Special features	Palette setting	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 Q37 Series			AXIS Q36 Series	
	AXIS Q9216-SLV 	AXIS Q3709-PVE 	AXIS Q3708-PVE 	AXIS Q3617-VE 	AXIS Q3615-VE 
Max. video resolution	2304x1728 (4 MP)	3x 3840x2880 (33 MP)	3x 2560x1920 (15 MP)	3072x2048 (6.3 MP)	1920x1200 (2.3 MP)
Sensor size/Lens/ Horizontal field of view	1/2.5" , 2.4 mm, F2.1, 125°	3 x 1/2.3" , 5 mm, F2.8, 108°	3 x 1/1.8" , 5 mm, F2.8, 108°	1/1.8" , 4.1 - 9 mm, F1.6, 101° - 46°	1/1.9" , 4.1 - 9 mm, F1.6, 100° - 46°
Day and night	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.23/0.05	2/ 0.4	0.3/ 0.06	0.15/ 0.03	0.1/ 0.02
Max. frames per second	25/30	25/30	25/30	25/30	50/60
Audio support/ Built-in mic	✓ / ✓	- / -	- / -	- / -	- / -
Product specific analytics (for standard analytics, see page 43)	Active tampering alarm, Audio detection, Standard analytics	Standard analytics	Standard analytics	AXIS Guard Suite Standard analytics	AXIS Guard Suite Standard analytics
Power	PoE Class 3	PoE Class 4	PoE Class 4	PoE Class 3	PoE Class 3
In-/output ports	1/1	-	-	-	-
Operating temperature	-20 °C to 50 °C (-4 °F to 122 °F)	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 55 °C (-40 °F to 131 °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/ IP6K9K/ NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X
WDR	WDR	Dynamic contrast	Forensic Capture	Forensic Capture	Forensic Capture
Lightfinder	-	-	-	✓	✓
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -
OptimizedIR/ Built-in IR	- / ✓	- / -	- / -	- / -	- / -
Special features	IK10+ Stainless steel Polygonal privacy masking Shock detection	3 sensors IK10	3 sensors 1 IP address IK10	Electronic image stabilization IK10 IP6K9K Remote PTRZ Shock detection	Electronic image stabilization IK10 IP6K9K Remote PTRZ Shock detection

Axis fixed dome cameras

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	AXIS Q35 Series							AXIS P91 Series
	AXIS Q3527-LVE 	AXIS Q3518-LVE 	AXIS Q3517-SLVE 	AXIS Q3517-LV 	AXIS Q3517-LVE 	AXIS Q3515-LV 	AXIS Q3515-LVE 	AXIS P9106-V 
Max. video resolution	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)	4:3 ratio: 2016x1512 (3MP)
Sensor size/Lens/ Horizontal field of view	1/1.8", 4.3 - 8.6 mm, F1.5, 96° - 50°	1/1.7", 4.3 - 8.6 mm, F1.5, 93° - 48°	1/1.8", 4.3 - 8.6 mm, F1.5, 96° - 50°	1/1.8", 4.3 - 8.6 mm, F1.5, 96° - 50°	1/1.8", 4.3 - 8.6 mm, F1.5, 96° - 50°	1/2.8", 9 - 22 mm, F1.6, 36 - 15° 1/2.8", 3 - 9 mm, F1.3, 105 - 36°	1/2.8", 9 - 22 mm, F1.6, 36 - 15° 1/2.8", 3 - 9 mm, F1.3, 105 - 36°	1/3", 1.8 mm, F2.4, 130°
Day and night	✓	✓	✓	✓	✓	✓	✓	-
Min. illumination (lux) Color/B&W	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	0.35/-
Max. frames per second	50/60	25/30	50/60	50/60	50/60	100/120	100/120	25/30
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	- / -
Product specific analytics (for standard analytics, see page 43)	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	Standard analytics
Power	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	PoE Class 1
In-/output ports	2	2	2	2	2	2	2	-
Operating temperature	-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)	-15 °C to 50 °C (5 °F to 122 °F)
Outdoor ready approvals	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X	IP66
WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	WDR
Lightfinder	✓	✓	✓	✓	✓	✓	✓	-
Zipstream/H.264/H.265	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -
Optimized IR/ Built-in IR	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	- / -
Special features	Electronic image stabilization Defogging IK10+ IP6K9K Shock detection 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	PoE over 2-wire IK10 Ligature-resistant (anti-ligature) design



Onboard surveillance in any light

AXIS P3935-LR Network Camera

Specifically designed for video surveillance onboard vehicles and rolling stock, AXIS P3935-LR offers improved imaging, IR and built-in microphone, enhanced security features as well as extended capabilities for analytics. It features Axis Lightfinder and Axis Forensic WDR for true colors and great detail in challenging light or near darkness.

Learn more at www.axis.com/products/axis-p39-r-series

Axis fixed dome cameras

	AXIS P39 Series					AXIS P38	AXIS P37 Series	
	AXIS P3935-LR 	AXIS P3925-R 	AXIS P3915-R Mk II 	AXIS P3905-R Mk II 	AXIS P3904-R Mk II 	AXIS P3807-PVE 	AXIS P3719-PLE 	AXIS P3717-PLE 
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	4 x 1920x1080 (8.3 MP)	4 x 2560x1440 (15 MP)	4 x 1920x1080 (8.3 MP)
Sensor size/Lens/ Horizontal field of view	1/2.9", 2.8 mm, F1.6, 110°	1/2.9", 2.8 mm, F1.6, 110°	1/2.9", 3.6 mm, F2.0, 87°	1/2.9", 3.6 mm, F2.0, 87°	1/2.9", 3.6 mm, F2.0, 87°	4 x 1/2.9", 3.2 mm, F2.0, 180°	4 x 1/2.5", 3-6 mm, F1.8-2.6, 4x 101° - 49°	4 x 1/2.8", 2.8-6 mm, F2.0, 4x 96° - 49°
Day and night	✓	✓	-	-	-	✓	✓	✓
Min. illumination (lux) Color/B&W	0.06/0.01	0.06/0.01	0.06/-	0.06/-	0.06/-	0.17/0.05	0.2/0.04	0.17/0.04
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 43)	Audio detection Blocked view detection AXIS Guard suite Standard analytics	Blocked view detection AXIS Guard suite Standard analytics	Audio detection Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Power	PoE Class 3	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 3	PoE Class 3 w/o IR PoE Class 4 w IR	PoE Class 3 w/o IR PoE Class 4 w IR
In-/output ports	1/1	-	1/1	-	-	-	-	-
Operating temperature	Normal: -40 °C to 55 °C (-22 °F to 131 °F) Maximum (intermittent): 70 °C (158 °F)	Normal: -40 °C to 55 °C (-22 °F to 131 °F) Maximum (intermittent): 70 °C (158 °F)	Normal: -40 °C to 60 °C (-22 °F to 140 °F) Maximum (intermittent): 70 °C (158 °F)	Normal: -40 °C to 60 °C (-22 °F to 140 °F) Maximum (intermittent): 70 °C (158 °F)	Normal: -40 °C to 60 °C (-22 °F to 140 °F) Maximum (intermittent): 70 °C (158 °F)	Normal: -40 °C to 60 °C (-22 °F to 140 °F) Maximum (intermittent): 70 °C (158 °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/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X
WDR	Forensic WDR	Forensic WDR	Forensic Capture	Forensic Capture	Forensic Capture	Forensic WDR	WDR	Forensic WDR
Lightfinder	✓	✓	✓	✓	✓	✓	✓ / ✓ / ✓	✓
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / ✓	✓ / ✓ / -
OptimizedIR/Built-in IR	- / ✓	- / -	- / -	- / -	- / -	- / -	- / ✓	- / ✓
Special features	EN50155, EN45545, and NFPA 130 compliance Electronic Image Stabilization Shock detection 45 fps in 720p IK10 Secure boot Suited for onboard surveillance	EN50155, EN45545, and NFPA 130 compliance Electronic Image Stabilization Shock detection 45 fps in 720p IK10 Secure boot Suited for onboard surveillance	EN50155 compliance IK08 Suited for onboard surveillance	EN50155 compliance IK08 Suited for onboard surveillance	EN50155 compliance IK08 Suited for onboard surveillance	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 IK09 Remote zoom & focus 2 SD card slots Quad view Individually controllable IR LEDs

Axis fixed dome cameras

[illegible]

Axis fixed dome cameras

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AXIS P32 Series

	AXIS P3245-V 	AXIS P3245-VE 	AXIS P3245-LV 	AXIS P3245-LVE 	AXIS P3228-LV 	AXIS P3228-LVE 	AXIS P3227-LV 	AXIS P3227-LVE 
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	3840x2160 (8.3 MP)	3840x2160 (8.3 MP)	3072x1728 (5.3 MP)	3072x1728 (5.3 MP)
Sensor size/Lens/ Horizontal field of view	1/2.8", 3.4 – 8.9 mm, F1.8, 100° – 36°	1/2.8", 3.4 – 8.9 mm, F1.8, 100° – 36°	1/2.8", 3.4 – 8.9 mm, F1.8, 100° – 36°	1/2.8", 3.4 – 8.9 mm, F1.8, 100° – 36°	1/2.5", 3.5 – 10 mm, F1.7, 100° – 38°	1/2.5", 3.5 – 10 mm, F1.7, 100° – 38°	1/2.5", 3.5 – 10 mm, F1.7, 100° – 38°	1/2.5", 3.5 – 10 mm, F1.7, 100° – 38°
Day and night	✓	✓	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/ B&W	0.1/ 0.02	0.1/ 0.02	0.1/ 0.02	0.1/ 0.02	0.19/ 0.04	0.19/ 0.04	0.18/ 0.04	0.18/ 0.04
Max. frames per second	50/60	50/60	50/60	50/60	25/30	25/30	25/30	25/30
Audio support/ Built-in mic	- / -	- / -	✓ / -	✓ / -	- / -	- / -	- / -	- / -
Product specific analytics (for standard analytics, see page 43)	Standard analytics	Standard analytics	Audio detection Standard analytics	Audio detection Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Power	PoE Class 2	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3
In-/output ports	-	-	1/1	1/1	-	-	-	-
Operating temperature	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)	-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)
Outdoor ready approvals	-	IP66/NEMA 4X	-	IP66/NEMA 4X	-	IP66/NEMA 4X	-	IP66/NEMA 4X
WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR
Lightfinder	✓	✓	✓	✓	✓	✓	✓	✓
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -
OptimizedIR/ Built-in IR	- / -	- / -	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓
Special features	IK10 Secure boot	IK10 Secure boot	IK10 Secure boot	IK10 Secure boot	IK08	IK10	IK08	IK10

Axis fixed dome cameras

	AXIS M42 Series		AXIS M32 Series		AXIS M31 series	
	AXIS M4206-V 	AXIS M4206-LV 	AXIS M3206-LVE 	AXIS M3205-LVE 	AXIS M3116-LVE 	AXIS M3115-LVE 
Max. video resolution	2048x1536 (3.1 MP)	2048x1536 (3.1 MP)	2304x1728 (4 MP)	1920x1080 (2.1 MP)	2688x1512 (4.1 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	1/2.5", 3 - 6 mm, F2.0 - 2.7, 100° - 45°	1/2.5", 3 - 6 mm, F2.0 - 2.7, 100° - 45°	1/2.5", 2.9 mm, F2.0, 105°	1/2.9", 3.1 mm, F2.0, 100°	1/2.7", 2.4 mm, F2.1, 130°	1/2.9", 2.8 mm, F2.0, 105°
Day and night	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.26/ 0.05	0.26/ 0.05	0.22/ 0.05	0.2/ 0.04	0.19/ 0.04	0.17/ 0.03
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 43)	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Power	PoE Class 2	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3
In-/output ports	-	-	1/1	1/1	-	-
Operating temperature	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)	-40 °C to 50 °C (-40 °F to 122 °F)	-40 °C to 50 °C (-40 °F to 122 °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	WDR	WDR	WDR	WDR	Forensic WDR	Forensic WDR
Lightfinder	-	-	-	-	✓	✓
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
OptimizedIR/Built-in IR	- / -	✓ / ✓	- / ✓	- / ✓	- / ✓	- / ✓
Special features	HDMI IK08	HDMI IK08	HDMI IK08	HDMI IK08	IK08 Secure boot	IK08 Secure boot

Axis fixed dome cameras

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	AXIS M30 Series					
	AXIS M3075-V 	AXIS M3068-P  NEW	AXIS M3067-P  NEW	AXIS M3066-V 	AXIS M3065-V 	AXIS M3064-V 
Max. video resolution	1920x1080 (2.1 MP)	2880x2880 (12 MP)	2016x2016 (6 MP)	2304x1728 (4 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)
Sensor size/Lens/ Horizontal field of view	1/2.9", 3.1 mm, F2.0, 102°	1.65 mm, F2.8, 185°	1.56 mm, F2.0, 185°	1/2.5", 2.4 mm, F2.1, 131°	1/2.9", 3.1 mm, F2.0, 102°	1/2.9", 3.1 mm, F2.0, 83°
Day and night	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.2/0.04	0.32/0.06	0.18/0.04	0.23/0.05	0.2/0.04	0.2/0.04
Max. frames per second	25/30	25/30	50/60	25/30	25/30	25/30
Audio support/ Built-in mic	✓ / ✓	- / -	- / -	- / -	- / -	- / -
Product specific analytics (for standard analytics, see page 43)	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics	Standard analytics
Power	PoE Class 1	PoE Class 2	PoE Class 2	PoE Class 1	PoE Class 1	PoE Class 1
In-/output ports	-	-	-	-	-	-
Operating temperature	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 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	-	-	-	-	-	-
WDR	WDR	Forensic WDR	Forensic WDR	WDR	WDR	WDR
Lightfinder	-	-	✓	-	-	-
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
OptimizedIR/ Built-in IR	-/-	-/-	-/-	-/-	-/-	-/-
Special features	HDMI IK08	Dewarped views	Dewarped views	HDMI IK08	HDMI IK08	IK08

Axis fixed dome cameras

	AXIS M3058-PLVE 	AXIS M3057-PLVE 	AXIS M3045-WV 	AXIS M3037-PVE 	AXIS M3016 	AXIS M3015 
Max. video resolution	2992x2992 (12 MP Image sensor)	2048x2048 (6 MP Image sensor)	1920x1080 (2.1 MP)	2592x1944 (5 MP Image sensor)	2016x1512 (3 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	1/1.7", 1.3 mm, F2.2, 181°	1/1.8", 1.6 mm, F2.0, 185°	1/3", 2.8 mm, F2.0, 106°	1/3.2", 1.27 mm, F2.0 187°	1/3", 1.8 mm, F2.4, 152°	1/3", 2.8 mm, F2.0, 106°
Day and night	✓	✓	-	✓	-	-
Min. illumination (lux) Color/B&W	0.19/0.04	0.16/0.03	0.25/-	0.3/ 0.06	0.35	0.25
Max. frames per second	25/30	50/60	25/30	12	25/30	25/30
Audio support/ Built-in mic	- / -	- / -	- / -	✓ / ✓	- / -	- / -
Product specific analytics (for standard analytics, see page 43)	Standard analytics	Standard analytics	Standard analytics	Audio detection, Standard analytics	Standard analytics	Standard analytics
Power	PoE Class 3	PoE Class 3	DC	PoE Class 2	PoE Class 1	PoE Class 1
In-/output ports	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 45 °C (32 °F to 113 °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	Forensic WDR	Forensic WDR	WDR	Dynamic contrast	WDR	WDR
Lightfinder	✓	✓	-	-	-	-
Zipstream/H.264/H.265	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	- / ✓ / -	✓ / ✓ / ✓	✓ / ✓ / ✓
Optimized IR/Built-in IR	✓ / ✓	✓ / ✓	- / -	- / -	- / -	- / -
Special features	HDMI IK10 Dewarped views	HDMI IK10 Dewarped views Suited for onboard surveillance	HDMI™ IK08 WLAN	Built-in speaker IK10 Dewarped views SIP	-	-

Axis pan/tilt/zoom cameras

	AXIS Q62	AXIS Q61 Series			
	AXIS Q6215-LE 	AXIS Q6155-E 	AXIS Q6154-E 	AXIS Q6128-E 	AXIS Q6125-LE 
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)	3840x2160 (8.3 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	1/1.9", 6.7 – 201 mm, F1.6 – 5.3 58.6° – 2.2°	1/2.8", 4.3 – 129 mm, F1.6 – 4.7, 66.7° – 2.36°	1/2.8", 4.3 – 129 mm, F1.6 – 4.7 Horizontal field of view: 66.7° – 2.36°	1/2.3", 3.9 – 46.8 mm, F1.8 – 2.0, 70.7° – 6.2°	1/2.8", 4.3 – 129 mm, F1.6 – 4.7, 63.5° – 2.3°
Day and night	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.07/ 0.008	0.15/ 0.01	0.15/ 0.01	- / - 0.45/ 0.03	0.1/ 0.008
Max. frames per second	50/60	50/60	50/60	50/60	50/60
Optical zoom	30	30	30	12	30
Audio support/ Built-in mic	- / -	- / -	- / -	- / -	- / -
Product specific analytics (for standard analytics, see page 43)	Autotracking Active Gatekeeper AXIS Guard Suite Standard analytics	Fence Guard, Motion Guard Autotracking Active Gatekeeper Standard analytics	Fence Guard, Motion Guard Autotracking Active Gatekeeper Standard analytics	Autotracking Active Gatekeeper Standard analytics	Autotracking Active Gatekeeper AXIS Guard Suite, 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	PoE Class 4, High PoE SFP midspan included
In-/output ports	-	-	-	-	-
Operating temperature	-50 °C to 50 °C (-58 °F to 122 °F)	-55 °C to 50 °C (-67 °F to 122 °F)	-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)
Outdoor ready approvals	IP66, IP68, NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X
WDR	WDR	Forensic capture	Forensic capture	-	Forensic capture
Lightfinder	✓	✓	✓	-	✓
Zipstream/H.264/H.265	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / ✓
Optimized IR/Built-in IR	✓ / ✓	- / -	- / -	- / -	✓ / ✓
Special features	Electronic image stabilization Built-in wiper MIL-STD-810G IK10 Shock detection	Electronic image stabilization Focus recall IK08 Laser focus, Sharpdome Speed dry Shock detection	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

Axis pan/tilt/zoom cameras

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	AXIS Q60 Series						
	AXIS Q6075 	AXIS Q6075-S 	AXIS Q6075-E 	AXIS Q6074 	AXIS Q6074-E 	AXIS Q6055-C 	AXIS Q6010-E 
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)	1280x720 (1 MP)	1920x1080 (2.1 MP)	2592x1944 (20.4 MP)
Sensor size/Lens/ Horizontal field of view	1/2.8" 4.25 - 170 mm, F1.6 - 4.95, 62.8° - 2.23°	1/2.8" , 4.25 - 170 mm, F1.6 - 4.95, 65.1° - 2.0°	1/2.8" 4.25-170 mm, F1.6-4.95, 65.1° - 2.0°	1/2.8" 4.25-127.5 mm, F1.6-4.2, 63.8° - 2.6° (720p), 49.7° - 1.73° (D1)	1/2.8", 4.25-127.5 mm, F1.6-4.2, 63.8° - 2.6° (720p), 49.7° - 1.73° (D1)	1/2.8" , 4.44 - 142.6 mm, F1.6-4.41, 62.8° - 2.23°	1/2.5", 2.8 mm, F2.0, 360°
Day and night	✓	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.1/ 0.002	0.1/ 0.002	0.1/ 0.002	0.1/ 0.002	0.1/ 0.002	0.3/ 0.03	0.4/ 0.03
Max. frames per second	50/60	50/60	50/60	50/60	50/60	50/60	20
Optical zoom	40	40	40	40	40	32	-
Audio support/ Built-in mic	✓ / -	- / -	- / -	✓ / - ✓ / -	- / -	- / -	-
Product specific analytics (for standard analytics, see page 43)	AXIS Guard suite Active gatekeeper Autotracking 2 Standard analytics	AXIS Guard suite Active gatekeeper Autotracking 2 Standard analytics	AXIS Guard suite Active gatekeeper Autotracking 2 Standard analytics	AXIS Guard Suite Audio detection Autotracking Active Gatekeeper Standard analytics	AXIS Guard Suite Audio detection Autotracking Active Gatekeeper Standard analytics	Active Gatekeeper Autotracking Standard analytics	Autopilot
Power	High PoE Midspan included	DC	High PoE SFP midspan included	PoE Class 4, AC, DC Midspan included	High PoE SFP midspan included	DC	PoE
In-/output ports	4	2	-	4	-	2	-
Operating temperature	0 °C to 50 °C (32 °F to 122 °F)	-30 °C to 50 °C (-22 °F to 122 °F)	-50 °C to 50 °C (-58 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)	-50 °C to 50 °C (-58 °F to 122 °F)	-20 °C to 75 °C (-4 °F to 167 °F)	-40 °C to 50 °C (-40 °F to 122 °F)
Outdoor ready approvals	-	IP66/IP67/NEMA 4X/6P	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X	IP66/NEMA 4X Up to 75 °C (167 °F)	IP66/NEMA 4X
WDR	WDR	WDR	WDR	WDR	WDR	WDR	WDR
Lightfinder	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	-	-
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / ✓
Optimized IR/Built-in IR	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Special features	Electronic image stabilization Secure boot FIPS 140-2 certified TPM 2.0 module Orientation aid Automatic defog, Focus recall, IK10 Enter/Exit detector Object counter Object removed Shock detection Highlight compensation	2xSFP slots for fiber Electronic image stabilization IK10/IP6K9K MIL-STD-810G 509.5 Pressurized Stainless steel. Secure boot FIPS 140-2 certified TPM 2.0 module Orientation aid, Automatic defog Focus recall Enter/Exit detector Object counter Object removed Shock detection Highlight compensation	Electronic image stabilization Secure boot FIPS 140-2 certified TPM 2.0 module Orientation aid Automatic defog Focus recall, IK10 Enter/Exit detector Object counter Object removed Shock detection Highlight compensation	Electronic image stabilization Automatic defog Focus recall Object counter Object removed Shock detection Highlight compensation	Electronic image stabilization Automatic defog Focus recall Object counter Object removed IK10 Shock detection Highlight compensation	Automatic defog IK10 Enter/Exit detector Fence detector Object counter Object removed Shock detection Highlight compensation	Requires an AXIS Q60-E PTZ Network Camera Exchangeable lenses IK10

Axis pan/tilt/zoom cameras

	AXIS V59 Series		AXIS P56 Series		AXIS P54 Series	
	AXIS V5915 	AXIS V5914 	AXIS P5655-E 	AXIS P5654-E 	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)
Sensor size/Lens/ Horizontal field of view	1/2.8", 4.3 - 129 mm, F1.6 - 4.7, 63.7° - 2.3°	1/3", 4.3 - 129 mm, F1.6 - 4.7, 63.7° - 2.3°	1/2.8", 4.3 - 137.6 mm, F1.4 - 4.0, 58.7° - 2.4°	1/2.8", 4.0 - 84.6 mm, F1.6 - 4.5, 77.0° - 3.6°	1/2.8", 4.7 - 84.6 mm, F1.6 - 2.8, 59° - 4°	1/2.8", 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	0.1/ 0.02	0.1/ 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	32	21	18	18
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / -	- / -	✓ / -	✓ / -
Product specific analytics (for standard analytics, see page 43)	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 50 °C (-22 °F to 122 °F)	-30 °C to 50 °C (-22 °F to 122 °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 WDR	Forensic WDR	-	-
Lightfinder	-	-	Lightfinder 2.0	Lightfinder 2.0	-	-
Zipstream/H.264/H.265	- / ✓ / -	- / ✓ / -	✓ / ✓ / ✓	✓ / ✓ / ✓	- / ✓ / -	- / ✓ / -
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 Defogging Focus recall Secure boot Shock detection	Electronic image stabilization Defogging Focus recall IK10 Secure boot	Direct drive pan/tilt system	Direct drive pan/tilt system

Axis pan/tilt/zoom cameras

	AXIS M50 Series			
	AXIS M5525-E	AXIS M5065 Only sold in North America, Japan and Europe (excl. Russia)	AXIS M5055	AXIS M5054
				
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)
Sensor size/Horizontal field of view	1/2.8", 4.7 - 47 mm, F1.6 - 3.0, 61.8° - 6.7°	1/4.85", 2.2 - 11.0 mm, F1.4 - 2.5, 71° - 14°	1/4.85", 2.2 - 11.0 mm, F1.4 - 2.5, 71° - 14°	1/4.85", 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 43)	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/H.264/H.265	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -
Optimized IR/Built-in IR	- / -	- / -	- / -	- / -
Special features	Scene profiles IK09	Wireless I/O connectivity with Z-Wave Plus® devices	Autofocus	Autofocus

Axis pan/tilt/zoom cameras

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	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
										
Max. video resolution	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
Sensor size/Lens/ Horizontal field of view	Visual: 1/2.8", 4.3–129 mm, F1.6–4.7 65.6°– 2° Thermal: Uncooled microbolometer Athermalized 35–105 mm 18°–6°	Visual: 1/2.8", 4.3–129 mm, F1.6–4.7 65.6°– 2° Thermal: Uncooled microbolometer Athermalized 35–105 mm 18°–6°	Visual: 1/2.8", 4.3–129 mm, F1.6–4.7 65.6°– 2° Thermal: Uncooled microbolometer Athermalized 35 mm 17°	Visual: 1/2.8", 4.3–129 mm, F1.6–4.7 65.6°– 2° Thermal: Uncooled microbolometer Athermalized 35 mm 17°	Visual: 1/2.8", 4.3–129 mm, F1.6–4.7 65.6°– 2° Thermal: Uncooled microbolometer Athermalized 35 mm 10.5°	Visual: 1/2.8", 4.3–129 mm, F1.6–4.7 65.6°– 2° Thermal: Uncooled microbolometer Athermalized 35 mm 10.5°	1/2.8", 4.3–129 mm, F1.6–4.7 65.6°– 2°	1/2.8", 4.3–129 mm, F1.6–4.7 65.6°– 2°	Uncooled microbolometer Athermalized 60 mm 10°	Uncooled microbolometer Athermalized 35 mm 10.7°
Day and night	-	-	-	-	-	-	✓	✓	-	-
Min. illumination (lux) Color/B&W	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	-/-	-/-
Max. frames per second	Visual: 25/30 Thermal: 8.3/30 ¹	Visual: 25/30 Thermal: 8.3/30 ¹	Visual: 25/30 Thermal: 8.3/30 ¹	Visual: 25/30 Thermal: 8.3/30 ¹	Visual: 25/30 Thermal: 8.3/30 ¹	Visual: 25/30 Thermal: 8.3/30 ¹	50/60	50/60	8.3/30 ¹	8.3/30 ¹
Pan/Tilt	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°
Optical zoom	Visual: 30 Thermal: 3	Visual: 30 Thermal: 3	Visual: 30	Visual: 30	Visual: 30	Visual: 30	30	30	-	-
Sensitivity	NETD < 50 mK	NETD < 50 mK	NETD < 50 mK	NETD < 50 mK	NETD < 70 mK	NETD < 70 mK	-	-	NETD < 50 mK	NETD < 70 mK
Detection range (m/yd)	3056/3342 ² 9371/10248 ³	3056/3342 ² 9371/10248 ³	1079/1179 3307/3617 ³	1079/1179 3307/3617 ³	1028/1124 ² 3153/3448 ³	1028/1124 ² 3153/3448 ³	-	-	1833/2005 ² 5623/6149 ³	1028/1124 ² 3153/3448 ³
Product specific analytics (for standard analytics, see page 43)	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
Power	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
In-/output ports	4	4	4	4	4	4	4	4	4	4
Operating temperature	-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)
Outdoor ready approvals	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
WDR	Visual: Forensic Capture	Visual: Forensic Capture	Visual: Forensic Capture	Visual: Forensic Capture	Visual: Forensic Capture	Visual: Forensic Capture	Forensic Capture	Forensic Capture	-	-
Lightfinder	-	-	-	-	-	-	-	-	-	-
Zipstream/ H.264/H.265	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OptimizedIR/Built-in IR	- / -	- / ✓	- / -	- / ✓	- / -	- / ✓	- / -	- / ✓	- / -	- / -
Special features	RJ45 and SFP interfaces Visual: Focus recall	RJ45 and SFP interfaces Visual: Focus recall	RJ45 and SFP interfaces Visual: Focus recall	RJ45 and SFP interfaces Visual: Focus recall	RJ45 and SFP interfaces Visual: Focus recall	RJ45 and SFP interfaces Visual: Focus recall	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 Palette setting	Electronic image stabilization Shock detection 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
Sensor size/ Lens/ Horizontal field of view	Uncooled microbolometer Athermalized lens 9 mm, F1.25, 35° 19 mm, F1.25, 17°	Uncooled microbolometer Athermalized lens 9 mm, F1.25, 35° 19 mm, F1.25, 17°	Uncooled microbolometer Athermalized lens 10 mm, F 1.24, 63° 19 mm, F 1.23, 31° 35 mm, F 1.20, 17° 60 mm, F 1.25, 10°	Uncooled microbolometer Athermalized lens 10 mm, F 1.24, 63° 19 mm, F 1.23, 31° 35 mm, F 1.20, 17° 60 mm, F 1.25, 10°	Uncooled microbolometer Athermalized lens 7 mm, F1.18, 55° 13 mm, F1.0, 28° 19 mm, F1.23, 19.4° 35 mm, F1.2, 10.7° 60 mm, F1.25, 6.2°	Uncooled microbolometer Athermalized lens 7 mm, F1.18, 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 ¹	8.3 ¹	8.3/30 ¹	8.3/30 ¹	8.3/30 ¹	8.3/30 ¹
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 ² 892/978 ³ 19 mm: 573/627 ² 1757/1921 ³ 35 mm: 1079/1179 ² 3307/3617 ³ 60 mm: 1833/2005 ² 5623/6149 ³	10 mm: 291/318 ² 892/978 ³ 19 mm: 573/627 ² 1757/1921 ³ 35 mm: 1079/1179 ² 3307/3617 ³ 60 mm: 1833/2005 ² 5623/6149 ³	7 mm: 200/219 ² 613/671 ³ 13 mm: 393/430 ² 1205/1318 ³ 19 mm: 567/620 ² 1739/1902 ³ 35 mm: 1028/1124 ² 3153/3448 ³ 60 mm: 1774/1940 ² 5441/5951 ³	7 mm: 200/219 ² 613/671 ³ 13 mm: 393/430 ² 1205/1318 ³ 19 mm: 567/620 ² 1739/1902 ³ 35 mm: 1028/1124 ² 3153/3448 ³ 60 mm: 1774/1940 ² 5441/5951 ³
Audio support/ Built-in mic	✓ / -	- / -	✓ / -	- / -	✓ / -	- / -
Product specific analytics (for standard analytics, see page 43)	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/H.264/H.265	-	-	✓	✓	✓	✓
Special features	Isothermal palette Palette setting Shock detection	Isothermal palette Palette setting RS485/RS422 for pan/tilt control Shock detection	Electronic image stabilization Palette setting Shock detection	Electronic image stabilization Palette setting RS485/RS422 for pan/tilt control Shock detection	Electronic image stabilization Palette setting Shock detection	Electronic image stabilization Palette setting 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

	Temperature Alarm		Thermal Positioning Camera	Visual Positioning	Visual PTZ	
	XF60-Q2901	XF40-Q2901	XP40-Q1942	XP40-Q1765	ExCam XPT Q6075	D201-S XPT Q6055
					 NEW	
Max. video resolution	336x256	336x256	640x480	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	Uncooled microbolometer Athermalized 19 mm, F1.25 17°	Uncooled microbolometer Athermalized 19 mm, F1.25 17°	Uncooled microbolometer Athermalized 19 mm, F1.23 32°	1/2.9", 4.7 - 84.6 mm, F1.6 - 2.8 59° - 4°	1/2.8", 4.25 - 170 mm F1.6 - 4.95 65.1° - 2.0°	1/2.8", 4.44 - 142.6 mm F1.6 - 4.41 62.8° - 2.23°
Min. illumination (lux) Color/B&W	-/-	-/-	-/-	0.5/ 0.04	0.1/ 0.002	0.3/ 0.03
Max. frames per second	8.3	8.3	8.3 ¹	25/30	50/60	50/60
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	-	-	-
Detection range (m/yd.)	-	-	567/620 ² 1739/1902 ³	-	-	-
Optical zoom	-	-	-	18	40x	32
Product specific analytics (for standard analytics, see page 43)	Standard analytics	Standard analytics	AXIS Video Motion Detection	Standard analytics	Active Gatekeeper Autotracking Standard analytics	Active Gatekeeper Autotracking Standard analytics
Power	110 VAC	24 VAC	24 VAC / 110 VAC	24 VAC / 110 VAC	PoE Class 4 + 24 VDC SFP midspan included	PoE Class 4, High PoE, SFP midspan included
In-/output ports	-	-	-	-	-	-
Operating temperature	-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)	-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) (Intermittent up to 60 °C/140 °F)	-20 °C to 50 °C (-4 °F to 122 °F)
Outdoor ready approvals	IP66/IP67	IP66/IP67	IP66/IP67	IP66/IP67	IP66/IP67/IP68	IP66
WDR	-	-	-	Dynamic contrast	WDR	WDR
Lightfinder	-	-	-	-	Lightfinder 2.0	-
Zipstream/H.264/H.265	- / - / -	- / - / -	✓ / ✓ / -	- / - / -	✓ / ✓ / -	✓ / ✓ / -
Special features	UL-certified Stainless steel Shock detection	Stainless steel Worldwide certifications Shock detection	Electronic image stabilization Stainless steel Worldwide certifications Shock detection	Stainless steel Worldwide certifications	Stainless steel ATEX/IECEx/EAC Ex/IIA Zone 1/2/21/22 IIC, IIIC certified Secure boot FIPS 140-2 certified TPM 2.0 module Orientation aid	Stainless steel Class I/II/III, Division 1 and Zone 1 ATEX/IECEx Zone 1/2/21/22 IIB+H2, IIIC certified DROP compliance

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

	Visual Fixed Stainless Steel						Visual Fixed Aluminium		
	ExCam XF Q1785	XF60-Q1765	XF40-Q1765	ExCam XF Q1645	ExCam XF P1367	ExCam XF M3016	F101-A XF Q1785	F101-A XF P1367	D101-A XF P3807
									
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	3072x1728 (5 MP)	2016x1512 or 2304x1296 (3MP)	1920x1080 (2.1 MP)	3072x1728 (5 MP)	4x 1920x1080 (8.3 MP)
Sensor size/Lens/ Horizontal field of view	1/2.8", 4.3–137 mm, F1.4 – 4.0, 60° – 2.3°	1/2.9", 4.7 – 84.6 mm, F1.6 – 2.8, 59° – 4°	1/2.9", 4.7 – 84.6 mm, F1.6 – 2.8, 59° – 4°	1/2", 3.9 – 10 mm, F1.5, 109° – 42°	1/2.9", 2.8 – 8.5 mm, F1.2, 104° – 36°	1/3", 2.8 mm, F2.0, 69° (4:3) or 92° (16:9)	1/2.8"; 4.3–137 mm, F1.4 – 4.0, 60° – 2.3°	1/2.9", 2.8 – 8.5 mm, F1.2, 104° – 36°	4 x 1/2.9", 3.2 mm, F2.0, 180°
Min. illumination (lux) Color/B&W	0.16/ 0.03	0.5/ 0.04	0.5/ 0.04	0.03/ 0.01	0.16/ 0.03	0.4/ -	0.16/ 0.03	0.15/ 0.03	0.17/0.05
Max. frames per second	25/30	25/30	25/30	100/200	25/30	25/30	25/30	25/30	25/30
Optical zoom	32	18	18	-	-	-	32	-	-
Product specific analytics (for standard analytics, see page 43)	AXIS Guard Suite Standard analytics	Standard analytics	Standard analytics	AXIS Guard Suite Standard analytics	Standard analytics	Standard analytics	AXIS Guard Suite Standard analytics	Standard analytics	Standard analytics
Power	PoE Class 3 + 24 VDC	110 VAC	24 VAC	PoE Class 3 + 24 VDC	PoE Class 3 + 24 VDC	PoE Class 1	PoE Class 3 + 24 VDC	PoE Class 3 + 24 VDC	PoE Class 3
In-/output ports	-	-	-	-	-	-	-	-	-
Operating temperature	-60 °C to 60 °C (-76 °F to 140 °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)	-60 °C to 60 °C (-76 °F to 140 °F)	-60 °C to 60 °C (-76 °F to 140 °F)	-5 °C to 40 °C (23 °F to 104 °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)	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)	-20 °C to 55 °C (-4 °F to 131 °F)
Outdoor ready approvals	IP68	IP66/IP67/IP69	IP66/IP67/IP69	IP68	IP68	IP68	IP66	IP66	IP66/IP67
WDR	Forensic WDR	Dynamic contrast	Dynamic contrast	Forensic WDR	Forensic WDR	WDR	Forensic WDR	Forensic WDR	Forensic WDR
Lightfinder	✓	-	-	✓	✓	-	✓	✓	✓
Zipstream/H.264/H.265	✓/✓/-	-/-/-	-/-/-	✓/✓/-	✓/✓/-	✓/✓/✓	✓/✓/-	✓/✓/-	✓/✓/-
Special features	Stainless steel ATEX/IECEx/EAC Ex/IIA/PESO Zone 1/2/21/22 IIC, IIIC certified Electronic image stabilization Defogging Wiper	Stainless steel UL-certified	Stainless steel Worldwide certifications	Stainless steel ATEX/IECEx/EAC Ex/IIA/PESO Zone 1/2/21/22 IIC, IIIC certified Certified for Mining i-CS lens Remote zoom and focus	Stainless steel ATEX/IECEx/EAC Ex/IIA/PESO Zone 1/2/21/22 IIC, IIIC certified i-CS lens Remote zoom and focus	Stainless steel, ATEX/IECEx/EAC Ex/IIA/PESO Zone 1,2,21,22 IIC, IIIC certified	Aluminum chassis Class I/II/III Division 1 and Zone 1 ATEX/IECEx Zone 1/2/21/22 IIB+H2, IIIC certified Electronic image stabilization Defogging	Aluminum chassis Class I/II/III Division 1 and Zone 1 ATEX/IECEx Zone 1/2/21/22 IIB+H2, IIIC certified i-CS lens Remote zoom and focus	Aluminum chassis Class I/II/III Division 1 and Zone 1 ATEX/IECEx Zone 1/2/21/22 IIB+H2, IIIC certified 4 sensors, 1 IP address Vertical FoV 90° DROP compliance

Canon fixed network cameras

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	VB-H761LVE (H2)	VB-H760VE (H2)	VB-H751LE (H2)	VB-M741LE (H2) Only available in US and Canada
				
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, Hydrophilic Coating II	Motion Adaptive Noise Reduction, Area-Specific Data Size Reduction (ADSR), IK09, IP66, ONVIF Profile S & G, Hydrophilic Coating II	Built-in infrared LEDs, Motion Adaptive Noise Reduction, Area-Specific Data Size Reduction (ADSR), IP66, ONVIF Profile S & G, Hydrophilic Coating II	Built-in infrared LEDs, Motion Adaptive Noise Reduction, Area-Specific Data Size Reduction (ADSR), IP66, ONVIF Profile S & G, Hydrophilic Coating II

Canon fixed network cameras

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	VB-H730F Mk II	VB-S910F	VB-S905F Mk II	VB-S900F Mk II
	Only available in EMEA, US and Canada 	Only available in EMEA, US and Canada 	Only available in US and Canada 	Only available in EMEA, US and Canada 
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 4x digital zoom	2.7 mm F1.6 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	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) ONVIF Profile S	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) ONVIF Profile S	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) ONVIF Profile S

Canon fixed dome cameras

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	VB-H652LVE	VB-H651VE	VB-H651V
			
Max. video resolution (pixels)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Horizontal field of view	122.1° – 50.1°	122.1° – 50.1°	122.1° – 50.1°
Image sensor	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"
Lens	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
Day and night	✓	✓	✓
Min. illumination (lux)	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)
Frames per second	30	30	30
Pan/Tilt/Zoom	20 presets 360° pan 90° tilt	20 presets 350° pan 150° tilt	20 preset 350° pan 150° tilt
Audio support	Two-way	Two-way	Two-way
Alarm in-/outputs	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 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	AC/DC PoE IEEE 802.3at Type1	AC/DC PoE IEEE 802.3at Type1
Outdoor ready	✓	✓	-
Other	Ultra wide-angle lens Built-in infrared LEDs Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) IK10, IP66 ONVIF Profile S & G	Ultra wide-angle lens, Motion Adaptive Noise Reduction, Area-Specific Data Size Reduction (ADSR) IK10, IP66 ONVIF Profile S & G	Ultra wide-angle lens Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) IK10 ONVIF Profile S & G

Canon fixed dome cameras

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	VB-S800VE	VB-S805D Mk II Only available in US and Canada	VB-S800D Mk II Only available in EMEA, US and Canada
			
Max. video resolution (pixels)	1920x1080 (2.1 MP)	1280x960 (2.1 MP)	1920x1080 (2.1 MP)
Horizontal field of view	93.8°	95°	95°
Image sensor	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"
Lens	2.7 mm F1.6 4x digital zoom	2.7 mm F1.6 4x digital zoom	2.7 mm F1.6 4x digital zoom
Day and night	✓	✓	✓
Min. illumination (lux)	0.5 (Color) 0.3 (B/W)	0.45 (Color) 0.25 (B/W)	0.45 (Color) 0.25 (B/W)
Frames per second	30	30	30
Pan/Tilt/Zoom	20 presets 350° pan 90° tilt	20 presets 350° pan 90° tilt	20 presets 350° pan 90° tilt
Audio support	Two-way (with built-in microphone)	✓	✓
Alarm in-/output	1/1	1/1	1/1
Analytics	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	PoE IEEE802.3af	PoE IEEE802.3at Type1	PoE IEEE802.3at Type1
Outdoor ready	✓	-	-
Other	Ultra wide-angle lens Ultra Low Dispersion Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) IK10, ONVIF Profile S,	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) ONVIF Profile S	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) ONVIF Profile S

Canon pan/tilt/zoom network cameras

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	VB-R13VE (H2)	VB-R13	VB-R12VE (H2)	VB-M50B
		Only available in US and Canada 	Only available in EMEA, US and Canada 	
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 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
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 Hydrophilic Coating II	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) ONVIF Profile S & G	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) IK10, IP66 ONVIF Profile S & G Hydrophilic Coating II	Large aperture telephoto lens Clear IR Mode Motion-Adaptive Noise Reduction, Area-Specific Data Size Reduction (ADSR) ONVIF Profile S & G

Canon pan/tilt/zoom network cameras

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	VB-H45	VB-H45B	VB-M44	VB-M44B	VB-S30D Mk II	VB-S30VE	VB-S31D Mk II
	Only available in EMEA, US and Canada 	Only available in EMEA, US and Canada 	Only available in EMEA, US and Canada 	Only available in EMEA, US and Canada 	Only available in EMEA, US and Canada 		Only available in US and Canada 
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) ONVIF Profile S	Motion Adaptive Noise Reduction, Area-specific Data Size Reduction (ADSR) IK10, IP66 ONVIF Profile S	Motion Adaptive Noise Reduction Area-specific Data Size Reduction (ADSR) ONVIF Profile S
	Motion Adaptive Noise Reduction Area-specific Data Size Reduction (ADSR) ONVIF Profile S		Motion Adaptive Noise Reduction Area-specific Data Size Reduction (ADSR) ONVIF Profile S				

The advertisement features a background image of a retail store interior with shelves of products and a warm, bokeh-style light source. A white Axis dome camera is mounted in the upper left corner. A large, bold yellow diagonal graphic element cuts across the right side of the image, serving as a backdrop for the main text.

Axis end-to-end solutions for surveillance.

**Security solutions for every business. Right for you today.
And tomorrow. Smart security solutions protect your business.
No matter what.**

With an Axis end-to-end solution for surveillance, you can rest easy. Whether your business is very small or quite a bit larger, you're well protected against intruders, break-ins, vandalism and anything else coming at you.

End-to-end means you buy a complete security system tailored to your specific needs. From the video management software to all connected devices – all from Axis. That could include a single network camera watching over your entrance. Or a hundred cameras and other network security devices from Axis large portfolio – all protecting your premises, day and night.

www.axis.com/end-to-end-solutions

AXIS Companion

Keep your business safe with an easy-to-use surveillance solution.

With AXIS Companion, you can monitor your whole premises onsite, and even on-the-go. Flexible options provide a reliable solution that's ready to scale for any business need.

www.axis.com/products/axis-companion

AXIS Camera Station

Protect your premises, improve your business.

AXIS Camera Station is a video management software for surveillance specially developed for small and midsize installations. Retail stores, hotels, schools and manufacturing industries are just some of the companies that enjoy full control and protection of their premises and can quickly take care of incidents. All to make businesses run more smoothly. AXIS Camera Station matches our other network video products and features to offer you a complete, flexible, safe and reliable system.

www.axis.com/products/axis-camera-station

	AXIS Companion	AXIS Camera Station
		
General		
Product compatibility	Axis total portfolio (as from firmware 8.40)*	Axis total portfolio, third-party devices**
Supported OS	Windows, iOS, Android	Windows, iOS, Android
Licenses	Free	Licensed
Multi-site support	✓	✓
Live view	Up to 16 cameras (1,4,9 and 16 split views and full screen), Axis corridor format, camera sequence, digital PTZ, PTZ Control	Up to 25 cameras (Flexible live view configuration), Axis corridor format, camera sequence, digital PTZ, dewarp, multiple monitors, hot spot, site map, web page, PTZ Control integration, Timeline visualization with date and time
Audio streaming	Two way audio streaming, full duplex for Axis devices, one way for third party cameras, echo cancellation, and noise reduction	Two way audio streaming, full duplex for Axis devices, one way for third party cameras, echo cancellation, and noise reduction
Event management		
Event triggers	Events triggered by video motion detection	Events triggered by video motion detection, active tampering alarm, AXIS Cross Line Detection, external I/O, action button, external HTTPS, system triggers and device event triggers
Event action	Record, Push notification to mobile devices	Record, visual notification, audible alert, switch to camera/view Go to PTZ preset, email, alarm procedure, external I/O acknowledgement of alarms, HTTP notification
Security		
Axis Secure remote access	✓	✓
Event log	-	✓
Investigation and export		
Export	Single images in jpeg, video sequences ASF or MP4, Installation-free stand alone player included, Digital signature on exported recordings	Single images in jpeg, video sequences ASF or MP4, Installation-free stand alone player included, Digital signature on exported recordings, Manual or scheduled export
Play back	Play back speed up to 8x frame by frame, search for recordings based on camera, date and time via timeline visualization	Synchronized play back up to 36 cameras, Play back speed up to 65x frame by frame, search for recordings based on camera, date and time via timeline visualization

* Except for AXIS Camera station specific recorders, AXIS S11 series and AXIS S22 series

**Support for key functions of the IEC 62676-2-3 standard

For Axis partner applications, please visit: www.axis.com/products/video-management-software

Network video recorders

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	AXIS S30 Series		AXIS S22 Series				AXIS S11 Series		
	AXIS S3008  NEW	AXIS S2224 	AXIS S2216 	AXIS S2212 	AXIS S2208 	AXIS S1148 	AXIS S1132 	AXIS S1116 Racked 	AXIS S1116 MT 
	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.								
Number of channels/ AXIS Camera Station licenses	8 channels / 0 licenses	24 channels / 24 licenses	16 channels / 16 licenses	12 channels / 12 licenses	8 channels / 8 licenses	48 channels / 48 licenses	32 channels / 32 licenses	16 channels / 16 licenses	16 channels / 16 licenses
Memory	-	8 GB	8 GB	8 GB	8 GB	24 TB: 8 GB 64 TB: 2 x 8 GB 140 TB: 2 x 16 GB	1x 8GB	2 x 4 GB	8 GB
Recording storage	2/4 TB	12TB (2x6 TB)	8TB (2x4 TB)	6TB (1x6 TB)	4TB (1x4 TB)	24 TB: 6 x 4 TB (20 TB usable space after RAID) 64 TB: 8 x 8 TB (56 TB usable space after RAID) 144 TB: 12 x 12 TB (120 TB usable space after RAID)	4x 4TB (12TB usable space after RAID)	8 TB	8 TB
Operating system	-	Microsoft® Windows® 10 IoT Enterprise							
Live Video streams	-	24 split views or 1x 4K Ultra HD views	16 split views or 1x 4K Ultra HD views	12 split views or 1x 4K Ultra HD views	8 split views or 1x 4K Ultra HD views	Not intended for local viewing of video. Recommended to use Axis desktop terminals.	Not intended for local viewing of video. Recommended to use Axis desktop terminals.	Not intended for local viewing of video. Recommended to use Axis desktop terminals.	25 split views or 1x 4K Ultra HD views
Recording	Up to 8 video sources 160 Mbit/s	Up to 24 video channels 384 Mbit/s	Up to 16 video channels 384 Mbit/s	Up to 12 video channels 192 Mbit/s	Up to 8 video channels 192 Mbit/s	Up to 64 video channels 512 Mbit/s	Up to 48 video channels 384 Mbit/s	Up to 32 video channels 256 Mbit/s	Up to 32 video channels 256 Mbit/s
Power	Power supply: 100–240 V AC, max 90 W 65 W PoE Dedicated	Max: 520 W, 100 ~ 240 V AC, 260 W PoE Dedicated	Max: 520 W, 100 ~ 240 V AC, 260 W PoE Dedicated	Max: 270 W, 100 ~ 240 V AC, 135 W PoE Dedicated	Max: 270 W, 100 ~ 240 V AC, 135 W PoE Dedicated	24 TB: Up to 2x495 W, 100 ~ 240 V AC 64 TB: Up to 2x750 W, 100 ~ 240 V AC 140 TB: Up to 2x750 W, 100 ~ 240 V AC	Up to 2x350 W, 100 ~ 240 V AC	Max: 550 W, 100 ~ 240 V AC	Max: 360 W, 100 ~ 240 V AC
Connectors	Rear side: 8x PoE ports 10/100 Mbps 1x uplink 10/100/1000 Mbps Side: 1x USB 3.0	Front side: 1x USB 3.0 1x Audio line in 1x Audio line out Rear side Switch: 24x PoE ports 10/100 Mbps Uplinks: 1x SFP 10/100/1000 Mbps 1x RJ45 10/100/1000 Mbps Rear side Server: 1x RJ45 10/100/1000 Mbps 2x USB 2.0 1 Displayport™ 1 HDMI port	Front side: 1x USB 3.0 1x Audio line in 1x Audio line out Rear side Switch: 16x PoE ports 10/100 Mbps Uplinks: 1x SFP 10/100/1000 Mbps 1x RJ45 10/100/1000 Mbps Rear side Server: 1x RJ45 10/100/1000 Mbps 2x USB 2.0 1 Displayport™ 1 HDMI port	Front side: 1x USB 3.0 1x Audio line in 1x Audio line out Rear side Switch: 12x PoE ports 10/100 Mbps Uplinks: 1x SFP 10/100/1000 Mbps 1x RJ45 10/100/1000 Mbps Rear side Server: 1x RJ45 10/100/1000 Mbps 2x USB 2.0 1 Displayport™ 1 HDMI port	Front side: 1x USB 3.0 1x Audio line in 1x Audio line out Rear side Switch: 8x PoE ports 10/100 Mbps Uplinks: 1x SFP 10/100/1000 Mbps 1x RJ45 10/100/1000 Mbps Rear side Server: 1x RJ45 10/100/1000 Mbps 2x USB 2.0 1 Displayport™ 1 HDMI port	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	2x USB 3.1, 1x USB 3.1 Type-C, 2x Ethernet (RJ45), 2x USB 3.1 Type-C / DisplayPort™, 1x Universal audio jack, 1x Serial port, 1x SD card reader	5x USB 3.1, 1x USB 3.1 Type-C, 4x USB 2.0, 2x DisplayPort™ 1.2, 1x Ethernet (RJ45)
Supported monitors	0	Live view: 2	Live view: 2	Live view: 2	Live view: 2	Complete with desktop terminal	Complete with desktop terminal	Complete with desktop terminal	Live view: 2
Warranty	Axis 3-year warranty and 2-year AXIS Extended Warranty option								
Other	Optional AXIS TS3001 Recorder Mount	Rack rails	Rack rails	Rack ears	Rack ears	Rack mounting brackets	Rack mounting brackets	Rack mounting brackets	-

Desktop terminals

	AXIS S9101	AXIS S9002 Mk II
		
Number of channels and AXIS Camera Station licenses	AXIS Camera Station client included	AXIS Camera Station client included
Memory	1 x 8GB	2 x 4 GB
Recording storage	-	-
Operating system		
Live video streams	25 split views or 1 x 4K Ultra HD views	25 split views or 4 x 4 4K Ultra HD views
Recording	-	-
Power	Max: 90 W AC Adapter 100 – 240 V AC	Max: 300 W 100 – 240 V AC
Connectors	6x USB 3.1 Gen 1, 1x HDMI™ 1.4, Display Port 1.2, Universal Audio Jack, Ethernet, Line out	5x USB 3.1, 1x USB 3.1 Type-C, 4x USB 2.0, 2x DisplayPort™ 1.2, 4x Mini Display Port™, 1x Ethernet (RJ45), 1x Universal audio jack, 1x Audio line out 1x Serial port PS2 Mouse and keyboard ports
Supported monitors	2	4
Warranty		
Other	Can complement AXIS S1116 Racked, AXIS S1132 or AXIS S1148	Can complement AXIS S1116 Racked, AXIS S1132 or AXIS S1148

Rack solutions

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	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

System devices

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			Network switches					
	PoE products For powering up your PoE device via an Ethernet cable	15 W Midspans 30 W Midspans 60 W Midspans AXIS 30 W Outdoor Midspan AXIS PoE Splitter 5 V AXIS T8127 60W Splitter 12/24V DC AXIS T8061 Ethernet Surge Protector						
	Media converters & PoE extenders Solutions for your Ethernet, Fiber or Coaxial connections	Fiber 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 T8613 SFP Module 1000BASE-T AXIS T98A Media Converter Cabinets A Coaxial 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 Ethernet AXIS T8129-E Outdoor PoE Extender AXIS T8129 PoE Extender AXIS Long range PoE Extender Kit	Power over Ethernet+ (PoE+) Port Count	24	16	8	4 (2x PoE++)	4 (4x PoE++)
	I/O devices 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	Power over Ethernet (PoE) total output power	370 W	240 W	130 W	150 W	240 W
	Decoders Enabling analog or digital monitors to connect and to display live video streaming	AXIS P7701 Video Decoder AXIS T8705 Video Decoder	SPF enabler	✓	✓	✓	✓	✓
	Radar detector Accurate breach detection	AXIS D2050-VE Network Radar Detector	Gigabit Ethernet	✓	✓	✓	✓	✓
	Portcast devices Provides Axis cameras with additional functionality	AXIS T6101 Audio and I/O Interface AXIS T6112 Audio and I/O Interface	Rack mount	✓	✓	With AXIS T85 Rack Mount Kit A	-	-
			Outdoor ready	-	-	-	✓	-

System devices

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	Video encoders									
	AXIS Q7436 	AXIS Q7424-R Mk II 	AXIS Q7414 	AXIS Q7411 	AXUS P7304 	AXIS P7224 	AXIS P7216 	AXIS M7104 	AXIS M7016 	AXIS M7011 
Max. video resolution	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)
Max. frames per second	50/60	25/30	25/30	50/60	25/30	25/30	25/30	25/30	25/30	25/30
Video source (BNC composite inputs)	6	4	4	1	4	4	16	1	16	1
Audio support	-	✓	✓	✓	✓	✓	✓	-	-	-
Configurable in-/outputs	2 per channel	4	2 per channel	4	4	4	4 per channel	-	-	-
Product specific analytics	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, 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	Video motion detection Active tampering alarm, AXIS Camera Application Platform	AXIS Video Motion Detection Active tampering alarm	AXIS Video Motion Detection Active tampering alarm
Pan/tilt/zoom support	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Power	-	DC, PoE	-	DC, PoE	DC, PoE	-	AXIS PS-P power supply (included)	PoE Class 3, DC	AXIS PS-P power supply (included)	PoE
Serial connectors	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
Type	Blade	Standalone	Blade	Standalone	Standalone	Blade	Standalone	Standalone	Standalone	Standalone
Special features	-	Rugged, Operating conditions -40 °C - 75 °C (-40 °F - 167 °F), SFP slot	-	Coax PTZ Control	Zipstream HD Analog support	-	SFP slot	Zipstream	-	-

Access control

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	AXIS A8207-VE Mk II	AXIS A8105-E	AXIS A8004-VE
			
Max. video resolution	3072x2048 (6.3 MP)	1920x1200	1280x960
Horizontal field of view	180°	180°	97°
Dimensions (H x D x W)	248 x 106 x 51 mm (9 3/4 x 4 3/16 x 2 in)	147.5 x 35 x 48 mm 5.81 x 1.38 x 1.89 inch	260 x 140 x 55.5 mm 10 x 5.5 x 2.2 inch
Max. frames per second	25/30	50/30	25/30
Min. illumination (lux)	0.55/-	1.96/-	0.4/-
Color/B&W			
Audio support	✓	✓	✓
Built-in mic	✓	✓	✓
Built-in speaker	✓	✓	✓
Ports	2x Relay output, 4x I/O, Line in/out	1x Relay output 2x I/O	2x Relay output 4x I/O, Line out
Reader	RFID Reader (with HID® iClass® support)	-	-
Reader protocol	Wiegand, RS485 (OSDP), VAPIX® Reader Interface	-	-
Additional analytics*	Audio detection, Shock detection	Audio detection, Shock detection	Audio detection, Shock detection
Power	DC, PoE Class 3, PoE Class 4	PoE Class 3	DC, PoE, PoE+
Operating temperature	-40 °C to 55 °C (-40 °F to 131 °F)	-25 °C to 55 °C (-13 °F to 131 °F)	-25 °C to 50 °C (-13 °F to 122 °F)
Outdoor ready approvals	IP66/NEMA 4X	IP65/NEMA 4X	IP66/IP67/NEMA 4X
WDR	Forensic WDR	Forensic Capture	Dynamic Capture
Zipstream	✓	✓	-
SIP (VoIP)	✓	✓	✓
Special features	ACAP, IK08, T-coil, Pictogram, Keypad, HDMI, Secure Boot	ACAP, Mullion style installation, UL294	ACAP, IK08

	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 Class 3, PoE Class 4	DC, PoE Class 3, PoE Class 4	DC, PoE Class 3
Power out	DC	DC	DC
Outdoor ready	-	✓	-
Approvals	-	UL 294	-
ACAP support	✓	✓	✓

	Network door controllers		
	AXIS A1001 Entry Manager	AXIS A1001 Partner	AXIS A1601
			
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
Wired readers per controller	≤ 2 (Wiegand, RS485, (OSDP))	≤ 2 (Wiegand, RS485, (OSDP))	≤ 2 (Wiegand, RS485, (OSDP))
Wireless lock	ASSA ABLOY Aperio® wireless lock & SimonsVoss SmartIntego wireless lock	ASSA ABLOY Aperio® wireless lock & SimonsVoss SmartIntego wireless lock	ASSA ABLOY Aperio® wireless lock & SimonsVoss SmartIntego wireless lock
Credentials per controller	≤ 400	≤ 50 000	≤ 70 000
Number of power out & relays	2 DC lock outputs & 1 solid state relay	2 DC lock outputs & 1 solid state relay	2 form C relays
Number of I/Os	2	2	6
Power	DC, PoE Class 3	DC, PoE Class 3	DC, PoE Class 4
Plenum rated	✓	✓	✓
UL 294	✓	✓	✓
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	✓	✓
RS485(OSDP)	✓	✓
Power	DC	DC
Outdoor ready	IP54	IP65
UL 294	✓	✓

Network audio systems

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Network speakers

	AXIS C1410	AXIS C1310-E	AXIS C2005	AXIS C1004-E
				
Form factor	Cabinet	Horn	In ceiling	Cabinet
Voice announcements	✓	✓	✓	✓
Onboard audio clips	✓	✓	✓	✓
Background music	✓	-	✓	✓
Power	PoE	PoE	PoE	PoE
Max sound pressure level	>90 dB	>121 dB	>95 dB	>96 dB
Frequency response	100 Hz – 20 kHz	280 Hz – 12.5 kHz	45 Hz – 20 kHz	60 Hz – 20 kHz
Coverage pattern	145° coaxial	70° horizontal by 100° vertical	130° coaxial	130° horizontal by 100° vertical
Memory card slot	-	-	✓	✓
In-/output ports	-	2	-	-
PIR sensor	✓	-	-	-
Built-in mic	✓	✓	✓	✓
IP rating	-	IP67	-	IP45
Outdoor ready	-	✓	-	Semi outdoor ready
Special features	AXIS Audio Player included, VAPIX, ACAP, SIP	AXIS Audio Player included, VAPIX, ACAP, SIP	AXIS Audio Player included, VAPIX, ACAP, SIP	AXIS Audio Player included, VAPIX, ACAP, SIP

Audio Management Software

	AXIS Audio Manager Pro C7050	AXIS Audio Manager Pro
		
	Please note; AXIS Audio Manager Pro is the software version while AXIS Audio Manager Pro C7050 also includes a PC hardware.	
Number of speakers	1000+	1000+
Number of zones	100+	100+
Licences included	Unlimited	Unlimited
Hardware	Intel Core i3-7100T, 8GB RAM, 128GB SSD	Minimum requirement on PC hardware As C7050 or better
Storage	128 GB	128 GB
Operating system	Microsoft Windows 10 IoT	Microsoft Windows 10, Windows Server 2016, Windows Server 2019
Virtual Machine support	-	VMWare ESXi, Microsoft Hyper-V, Microsoft Windows Datacenter With configuration and resources allocated similar to the minimum hardware requirements

Network microphone

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

Audio system devices

	AXIS C8210 Network Audio Amplifier	AXIS C8033 Network Audio Bridge
		
Built-in amplifier	✓	-
Audio input	Mic in 3-pole 3.5 mm jack	Line level 3-pole 3.5 mm jack
Audio output	Speaker out 2-pole 5.08 mm	Line level RCA L+R
Voice announcements	✓	✓
Onboard audio clips	✓	✓
Background music	✓	✓
Configurable I/O-s	2	2
Power	PoE+	PoE, DC
Memory card slot	✓	✓
Built-in mic	-	-
IP rating	IP20	IP20
Outdoor ready	-	-
Special features	AXIS Audio Player included, VAPIX, ACAP, SIP	AXIS Audio Player included, VAPIX, ACAP, SIP

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



Network video recorder accessories



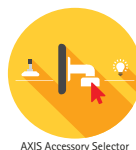
Canon accessories



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



Mechanical Accessories

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Everything you need to complete your installation.

Product	Compatible with
 AXIS T91L61 - Versatile connection with IDC connector, Built-in IP66 RJ45 connector, For wall and pole mounting, Protection against impact, water, dust, and corrosion.	AXIS M5525-E, AXIS P5624-E Mk II, AXIS P5654-E, AXIS P5655-E, AXIS Q6055-C, AXIS Q6074, AXIS Q6074-E, AXIS Q6075, AXIS Q6075-E, AXIS Q6125-LE, Q6128-E, AXIS Q6154-E, AXIS Q6155-E, AXIS Q3708-PVE, AXIS Q3709-PVE
 AXIS T91D62 Telescopic Parapet Mount - Installation flexibility: parapet and wall, Adjustable length, telescopic arm, Parapet installation with telescopic flexibility, Swivel - easy to install and maintain.	AXIS T94A01D Pendant Kit, AXIS T94B02D Pendant Kit, AXIS T94F01D Pendant Kit, AXIS T94F02D Pendant Kit with Sunshield, AXIS T94K01D Pendant Kit, it, plus other pendant kits.
 AXIS TP3201 Recessed Mount - Quick and easy installation in drop ceilings, Supports the optional use of an internal microphone, Multiple conduit entries for protected cable routing.	AXIS M3205-LVE, AXIS M3206-LVE, AXIS P3227-LV, AXIS P3228-LV, AXIS P3245-LV, AXIS P3245-LVE, AXIS P3245-V, AXIS P3245-VE, AXIS P3367-V, AXIS P3374-LV, P3374-V, AXIS P3375-LV, P3375-V, AXIS Q3515-LV, AXIS Q3517-LV
 AXIS P32-V Smoked Dome A - The smoked dome can be used for hiding the direction of the camera.	AXIS P3227-LV, AXIS P3228-LV
 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 M1134, AXIS M1135, AXIS M1137 (AXIS T93F05/AXIS T93F20), AXIS P13 Series (indoor models), AXIS Q16 Series (indoor models)
 AXIS T98A-VE Cabinet Series: AXIS T98A15-VE AXIS T98A16-VE AXIS T98A17-VE AXIS T98A18-VE AXIS T98A19-VE	See: www.axis.com/products/enclosure-cabinets/axis-t98a-ve-surveillance-cabinet-series

Axis analytics applications

For information regarding availability, see axis.com

Analytics for operational efficiency

AXIS People Counter
 AXIS Queue Monitor
 AXIS Occupancy Estimator
 AXIS Store Reporter
 AXIS Store Data Manager
 AXIS Parking Violation Detection

Analytics for security and safety

AXIS Tailgating Detector
 AXIS Direction Detector
 AXIS Random Selector
 AXIS Face Detector
 AXIS Perimeter Defender
 AXIS Perimeter Defender PTZ Autotracking
 AXIS Video Motion Detection
 AXIS License Plate Verifier
 AXIS Radar Autotracking for PTZ
 AXIS Live Privacy Shield

AXIS Guard Suite:

- ♦ AXIS Fence Guard
- ♦ AXIS Motion Guard
- ♦ AXIS Loitering Guard

Please find our analytics web portal [here](#)!

Standard analytics in Axis network video products

- AXIS Video Motion Detection
- Active tampering alarm
- AXIS Camera Application Platform¹

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 one-click connection
- > ONVIF Profiles G, S and T conformance
- > Video compression
 - H.264
 - Motion JPEG
- > Security
 - Multi-level passwords
 - IP-filtering
 - HTTPS encryption
 - IEEE 802.1X²
 - Signed firmware³
- > Network
 - IPv4/IPv6 and QoS

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

3) Included in cameras with firmware 9.20 or higher.

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 3,500 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

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