

Q4 2023

Product comparison tables

Network video, audio, access control and intercoms



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Axis warranty

5-year warranty for peace of mind

- ◆ 5-year product warranty
- ◆ Trouble-free ownership
- ◆ Better control of overall costs
- ◆ Enhanced RMA support
- ◆ First-class quality and support

Axis 5-year warranty covers most of our product portfolio (see datasheet for exceptions).



For more information, see: [Warranty](#)

Axis tools - help at every stage

Axis offers a range of powerful tools that help you to save time and be more efficient at every stage of your project. From finding the right products and planning your sites, to installing and managing your systems. The tools include AXIS Site Designer, AXIS Device Manager and AXIS Device Manager Extend.



For more information, see: [Tools](#)

Product selector - find and compare

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



For more information, see: [Product selector](#)

Axis Communications Academy

Learn. Know. Grow.

Axis Communications Academy's industry-recognized training gives you deep knowledge about the latest solutions, technology, and trends delivered by the industry experts.



For more information, see: [Axis Communications Academy](#)

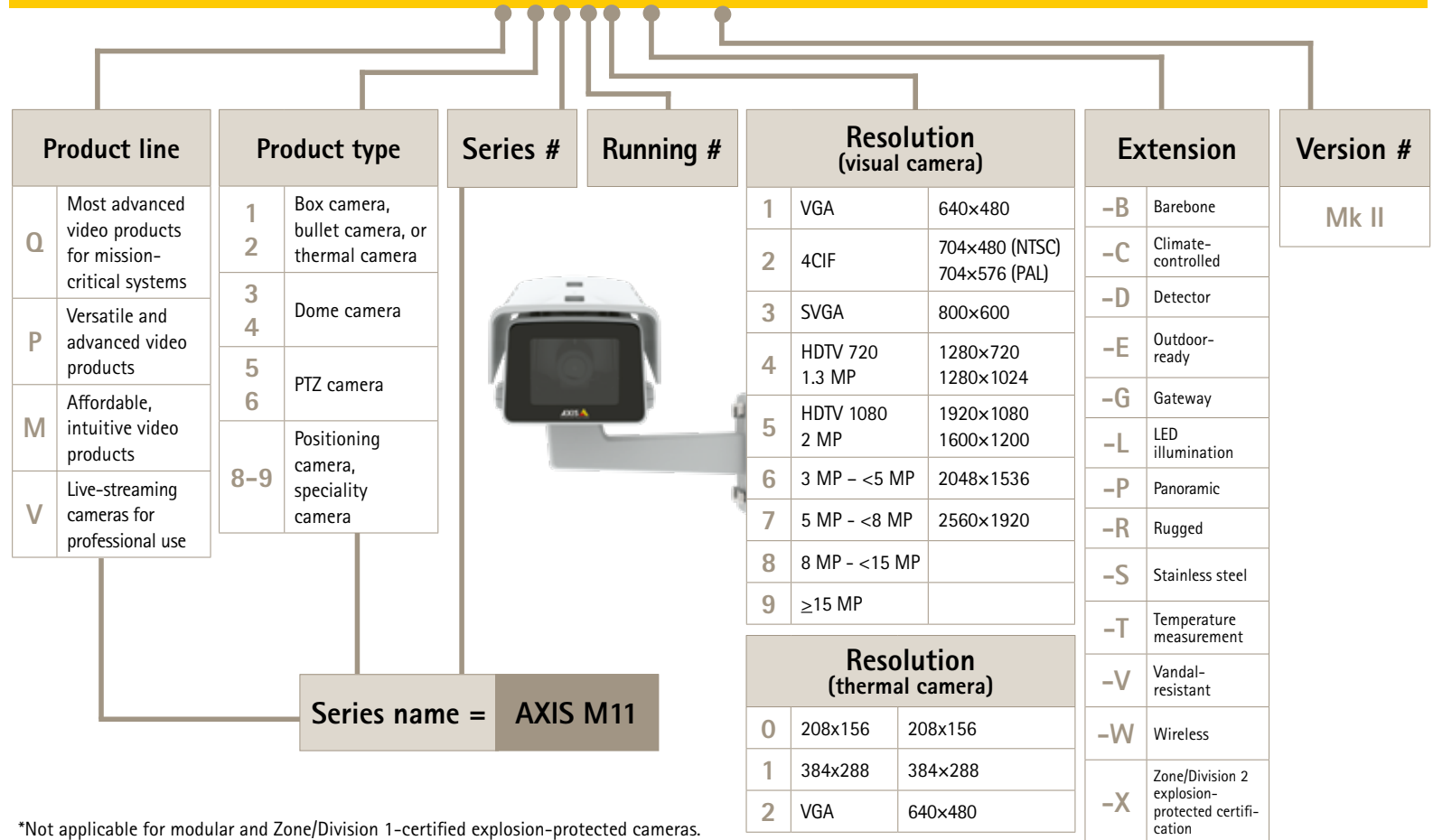
*This chart reflects 2N products sold by Axis Communications in Americas and APAC. Axis Communications distributes and supports 2N products and solutions in the Americas and Asia Pacific (excluding Japan).

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. For more information, see: [Product naming structure guide](#)



AXIS M1135-E Mk II Box Camera



*Not applicable for modular and Zone/Division 1-certified explosion-protected cameras.



Intuitive. Insightful. Open.

Analytics have become a major differentiator in video surveillance, which helps facilitate security, safety and operational efficiency. With our analytics you can enjoy the easiest access possible to actionable insights based on video, audio, and other data. How? By opening the doors to a wide range of flexible, scalable analytics – with a focus on the edge.

Perimeter and area security

- > AXIS Object Analytics*
- > AXIS Perimeter Defender
- > AXIS Video Motion Detection
- > AXIS Fence Guard
- > AXIS Loitering Guard
- > AXIS Motion Guard

Traffic monitoring

- > AXIS License Plate Verifier
- > AXIS Speed Monitor

Loss prevention

- > AXIS Face Detector

Access control

- > AXIS Barcode Reader

Privacy protection

- > AXIS Live Privacy Shield

Business intelligence

- > AXIS People Counter**
- > AXIS P8815-2 3D People Counter**
- > AXIS Queue Monitor**

Application for data management

- > AXIS Store Reporter

Easy access to actionable insights

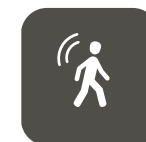
We provide innovative, easy-to-use analytics that you can trust. Some are preinstalled in selected cameras for your convenience, and many are free of charge. Find out more by clicking on the icons or contact a sales office near you. You will find the closest one [here](#).



AXIS Object Analytics*



AXIS Perimeter Defender



AXIS Video Motion Detection



AXIS Fence Guard



AXIS Loitering Guard



AXIS Motion Guard



AXIS License Plate Verifier



AXIS Speed Monitor



AXIS Face Detector



AXIS Barcode Reader



AXIS P8815-2 3D People Counter**



AXIS People Counter**



AXIS Queue Monitor**



AXIS Live Privacy Shield

* Multipurpose

** Compatible with AXIS Store Reporter

AXIS Camera Application Platform



Add value with a wide range of compatible applications from our partners

AXIS Camera Application Platform (ACAP), launched 2009, is a well-established open application platform. ACAP is supported by many Axis devices, such as, cameras, speakers, intercoms and radar products and opens the door to a broad selection of security, safety, and operational efficiency applications. The open application platform allows you to install apps from Axis and our partners to meet your specific needs.



For more information, please go to:
[AXIS Camera Application Platform \(ACAP\)](#)

Cybersecurity



Axis helps you to safeguard your system and reduce the risk of cyberattacks with technologies, tools, services and guidance. We highlight some of the support we provide below.

Axis Edge Vault cybersecurity platform

This hardware-based platform provides a solid foundation to ensure your Axis device is a trusted and reliable part of your network. Axis network products support some or all of the features below. See more details [here](#)

- > Secure boot to block and reject unauthenticated firmware during the boot process
- > Signed firmware to guarantee the firmware is from Axis and hasn't been compromised.
- > Secure keystore to provide tamperproof storage of cryptographic information such as the Axis device ID as well as customer-loaded cryptographic information.
- > Signed video for verifying that the footage hasn't been tampered with after leaving the camera.

Firmware

Keeping your device updated is essential in a robust approach to cybersecurity. Our operating system, AXIS OS, gives you the choice to upgrade devices based on two types of tracks. The long-term support (LTS) track is focused on improving cybersecurity and stability, while the active track provides new features in addition to improving cybersecurity and stability.

Device management tools

The tools below help you to efficiently configure and manage Axis devices, including batch processing of security tasks, such as deploying certificates and upgrading firmware.

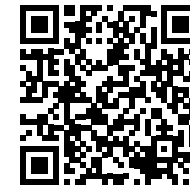
[AXIS Device Manager](#)
for local configuration and management of Axis devices.

[AXIS Device Manager Extend](#)
for remote management and maintenance of Axis devices.

For more information, including guidance on cybersecurity best practices, as well as security advisories, visit the [cybersecurity portal](#).

Innovation that makes a difference

Our cutting-edge technologies protect people and businesses under all kinds of circumstances. From extreme weather to challenging light conditions, you can always depend on Axis for innovative surveillance solutions that meet your needs



[Solutions by technology](#)



[System-on-chip](#)

Designed or selected by Axis for optimal cybersecurity and solutions.



[Edge Vault](#)

Cybersecurity platform that safeguards your device



[Scene Intelligence](#)

A superior foundation for video analytics performance.



[Zipstream](#)

Save bandwidth and space without sacrificing valuable information.



[Lightfinder](#)

Capture color images in low-light conditions.



[Wide Dynamic Range - WDR](#)

For maximum forensic value and usability in scenes with both very bright and very dark areas.



[OptimizedIR](#)

For advanced and powerful camera-integrated IR solutions..



[Electronic image stabilization](#)

Minimize the impact of vibration and shaking.



[Thermal imaging](#)

Detect and verify in challenging conditions, without compromising privacy.



[Radar](#)

Keep false alarms to a minimum with detection, classification and tracking 24/7.



[From analog to IP](#)

Make the move at your own pace and benefit from the endless possibilities of a network solution.



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 M – For metadata and events for analytics applications
- > 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.axis.com/onvif





Axis fixed box cameras


AXIS Q.16 Series									
	AXIS Q1656	AXIS Q1656-B	AXIS Q1656-LE	AXIS Q1656-BLE	AXIS Q1656-BE	AXIS Q1656-DLE	AXIS Q1615 Mk III	AXIS Q1615-LE Mk III	
									
Max. video resolution	2688x1512 (4 MP)	2688x1512 (4 MP)	2688x1512 (4 MP)	2688x1512 (4 MP)	2688x1512 (4 MP)	2688x1512 (4 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	
Sensor size/Lens/ Horizontal field of view	1/1.8", i-CS lens 3.9 - 10 mm, F1.5 120° - 47°	1/1.8", -, -	1/1.8", i-CS lens 3.9 - 10 mm, F1.5 113° - 47°	1/1.8", -, -	1/1.8", -, -	1/1.8", i-CS lens, 3.9 - 10 mm, F1.5 96° - 44°	1/2.8", i-CS lens, 2.8 - 8.5 mm, F1.2, 116° - 40°	1/2.8", i-CS lens, 2.8 - 8.5 mm, F1.2, 102° - 40°	
Min. illumination (lux) Color/B&W	0.05/0.01	- / -	0.05/0.00	- / -	- / -	0.05/0.01	0.05/0.01	0.05/0.00	
Max. frames per second	50/60	50/60	50/60	50/60	50/60	50/60	100/120	100/120	
Audio support / Built-in mic	✓ / ✓	✓ / ✓	✓ / -	✓ / -	✓ / -	✓ / -	✓ / ✓	✓ / -	
Compute capabilities	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	
Included video analytics (for Axis video analytics, see page 4)	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	
Power	PoE Class 3, DC	PoE Class 3, DC	PoE Class 4, DC	PoE Class 4, DC	PoE Class 4, DC	PoE Class 4, DC	PoE Class 3, DC	PoE Class 4	
In-/output ports	4	4	4	4	4	4	4	4	
Operating temperature	-20 °C to 60 °C (-4°F to 140°F)	-20 °C to 60 °C (-4°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)	-10 °C to 55 °C (14 °F to 131 °F)	-40 °C to 60 °C (-40 °F to 140 °F) with PoE	
Approvals	-	-	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 WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	
Lightfinder	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	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	- / -	- / -	✓ / ✓	✓ / ✓	- / -	✓ / ✓	- / -	✓ / ✓	
Secure Boot/ Signed video/Secure keystore	✓ / ✓ / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2	✓ / - / FIPS 140-2 Level 2	✓ / - / FIPS 140-2 Level 2	
Special features	Electronic image stabilization Defogging Shock detection Scene profiles Axis Edge Vault Edge-to-edge technology	Electronic image stabilization Defogging Shock detection Scene profiles Axis Edge Vault Edge-to-edge technology	Electronic image stabilization Defogging, Shock detection Scene profiles Built-in wiper, Axis Edge Vault Edge-to-edge technology	Electronic image stabilization Defogging, Shock detection Scene profiles Built-in wiper, Axis Edge Vault Edge-to-edge technology	Electronic image stabilization Defogging Shock detection Scene profiles Axis Edge Vault Edge-to-edge technology	Electronic image stabilization Defogging Shock detection Scene profiles Axis Edge Vault Edge-to-edge technology	Electronic image stabilization Defogging, Shock detection Axis Edge Vault, Edge-to-edge technology Radar-video fusion Picture-in-picture Augmented overlay (radar)	Electronic image stabilization Defogging Shock detection Scene profile	Electronic image stabilization IK10, Defogging Shock detection Scene profile

1. Outdoor ready with AXIS T93C10 Outdoor Housing







Axis 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°
Min. illumination (lux) Color/B&W	0.15/0.03	0.15/0.00	0.13/0.03	0.13/0.00	0.05/0.01	0.05/0.01
Max. frames per second	4K: 25/30 1080p: 50/60	4K: 25/30 1080p: 50/60	5 MP: 25/30 720p: 180	5 MP: 25/30 720p: 180	50/60	50/60
Audio support/ Built-in mic	✓/✓	✓/-	✓/✓	✓/-	✓/✓	✓/-
Compute capabilities	Machine learning processing unit	Machine learning processing unit	Machine learning processing unit	Machine learning processing unit	Machine learning processing unit	Machine learning processing unit
Included video analytics (for Axis video analytics, see page 4)	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield
Power	PoE Class 3, DC	PoE class 4, DC PoE class 3 (with IR and heater disabled)	PoE Class 3, DC	PoE class 4, DC PoE class 3 (with IR and heater disabled)	PoE Class 3, DC	PoE class 4, DC PoE class 3 (with heater disabled)
In-/output ports	2/2	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)	-10 °C to 55 °C (14 °F to 131 °F)	-40 °C to 60 °C (-40 °F to 140 °F)
Approvals	-	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	✓	✓	✓	✓	Lightfinder 2.0	Lightfinder 2.0
Zipstream/H.264 /H.265	✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/✓/✓
Optimized IR / Built- in IR	-/-	✓/✓	-/-	✓/✓	-/-	-/-
Secure Boot/ Signed video/Secure keystore	✓/-/-	✓/-/-	✓/-/-	✓/-/-	✓/-/-	✓/-/-
Special features	Video streaming indicator Defogging Shock detection Electronic image stabilization	IK10 Video streaming indicator Defogging Shock detection Electronic image stabilization	Video streaming indicator Defogging Shock detection Electronic image stabilization	IK10 Video streaming indicator Defogging Shock detection Electronic image stabilization	Video streaming indicator Defogging Shock detection Electronic image stabilization	IK10 Video streaming indicator Defogging Shock detection Electronic image stabilization






Axis box cameras

	AXIS M11 Series				AXIS M10 Series	
	AXIS M1137 MkII	AXIS M1137-E MkII	AXIS M1135 MkII	AXIS M1135-E MkII	AXIS M1075-L	AXIS M1055-L
						
Max. video resolution	2592x1944 (5 MP)	2592x1944 (5 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	1/2.7", 2.8 - 13 mm, F1.4, 112° - 24° 1/2.7", i-CS lens 3.5 - 10 mm, F1.8, 99° - 31°	1/2.7", 2.8 - 13 mm, F1.4, 112° - 24° 1/2.7", i-CS lens 3.5 - 10 mm, F1.8, 99° - 31°	1/2.9", 3 - 10.5 mm, F1.4, 90° - 33° 1/2.9", i-CS lens 3.5 - 10 mm, F1.8, 101° - 33°	1/2.9", 3 - 10.5 mm, F1.4, 90° - 33° 1/2.9", i-CS lens 3.5 - 10 mm, F1.8, 101° - 33°	1/2.9", 3.16 mm, F2.0, 103°	1/2.9", 3.16 mm, F2.0, 103°
Min. illumination (lux) Color/B&W	DC-iris: 0.17/0.03 i-CS: 0.19/0.04	DC-iris: 0.17/0.03 i-CS: 0.19/0.04	DC-iris: 0.15/0.03 i-CS: 0.17/0.03	DC-iris: 0.15/0.03 i-CS: 0.17/0.03	0.18/0.00	0.18/0.00
Max. frames per second	25/30	25/30	25/30	25/30	25/30	25/30
Audio support/ Built-in mic	✓ / ✓	✓ / -	✓ / ✓	✓ / -	✓ / ✓	- / -
Compute capabilities	Machine learning processing unit	Machine learning processing unit	Machine learning processing unit	Machine learning processing unit	Deep learning processing unit	Deep learning processing unit
Included video analytics (for Axis video analytics, see page 4)	AXIS Object Analytics AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Video Motion Detection Active tampering alarm
Power	PoE Class 3, DC	PoE Class 3, DC	PoE Class 3, DC	PoE Class 3, DC	PoE Class 3	PoE Class 3
In-/output ports	1/1	1/1	1/1	1/1	2	2
Operating temperature	-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 35 °C (32 °F to 95 °F)	0 °C to 35 °C (32 °F to 95 °F)
Approvals	-	IP66/NEMA 4X	-	IP66/NEMA 4X	-	-
WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	WDR	WDR
Lightfinder	✓	✓	✓	✓	✓	✓
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Optimized IR/Built-in IR	- / -	- / -	- / -	- / -	- / ✓	- / ✓
Secure Boot/ Signed video/Secure keystore	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Special features	Video streaming indicator Axis Edge Vault Edge-to-edge technology Remote zoom & focus with i-CS lens	IK10 Video streaming indicator Axis Edge Vault Edge-to-edge technology Remote zoom & focus with i-CS lens	Video streaming indicator Axis Edge Vault Edge-to-edge technology Remote zoom & focus with i-CS lens	IK10 Video streaming indicator Axis Edge Vault Edge-to-edge technology Remote zoom & focus with i-CS lens	Built-in PIR HDMI SIP Axis Edge Vault Edge-to-edge technology WLAN option	Axis Edge Vault Edge-to-edge technology

Axis bullet cameras

	AXIS Q17 Series					AXIS M20 Series	
	AXIS Q1798-LE	AXIS Q1786-LE	AXIS Q1785-LE	AXIS Q1715	AXIS Q1700-LE	AXIS M2036-LE	AXIS M2035-LE
							
Max. video resolution	3712x2784 (10.3 MP)	2560x1440 (3.7 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	2668x1512 (4 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", 4 - 84.6 mm, F1.6 - F4.5, 76° - 3.6°	1/2.8", 18 - 137 mm, F2.9 - 4.0, 16° - 2.3°	1/2.7", 2.4 mm, F2.1, 129°	1/2.9", 3.2 mm, F1.4, 101° 1/2.9", 7.5 mm, F1.6, 39°
Min. illumination (lux) Color/B&W	0.03/0.00	0.18/0.00	0.16/0.00	0.1/0.02	0.16/0.00	0.18/0.00	3.2 mm: 0.16/0.00 7.5 mm: 0.17/0.00
Max. frames per second	25/30	50/60	50/60	50/60	50/60	25/30	25/30
Optical zoom	4x	32x	32x	21x	8x	-	-
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -
Compute capabilities	Machine learning processing unit	-	-	Deep learning processing unit	-	Deep learning processing unit	Deep learning processing unit
Included video analytics (for Axis video analytics, see page 4)	AXIS Object Analytics Audio detection, Gatekeeper AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite Audio detection, Gatekeeper AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite Audio detection, Gatekeeper AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Video Motion Detection Active tampering alarm Gatekeeper	AXIS Object Analytics AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Video Motion Detection Active tampering alarm
Power	PoE Class 4, AC, DC	PoE Class 3, AC, DC	PoE Class 3, AC, DC	PoE Class 3/4, DC	PoE Class 3, AC, DC	PoE Class 3	PoE Class 3
In-/output ports	2	2	2	4	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)	-20 °C to 50 °C (-4 °F to 122 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-30 °C to 50 °C (-22 °F to 122 °F)	-30 °C to 50 °C (-22 °F to 122 °F)
Approvals	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	-	IP66/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X
WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	WDR	WDR
Lightfinder	✓	✓	✓	Lightfinder 2.0	✓	✓	✓
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / ✓	✓ / ✓ / -	✓ / ✓ / ✓	✓ / ✓ / ✓
OptimizedIR/Built-in IR	✓ / ✓	✓ / ✓	✓ / ✓	- / -	✓ / ✓	- / ✓	- / ✓
Secure Boot/ Signed video/Secure keystore	✓ / - / -	- / - / -	- / - / -	✓ / ✓ / FIPS 140-2 Level 2	- / - / -	✓ / ✓ / ✓	✓ / ✓ / ✓
Special features	Electronic image stabilization IK10 Defogging Video streaming indicator Edge-to-edge technology	Electronic image stabilization IK10 Defogging Edge-to-edge technology	Electronic image stabilization IK10 Defogging Edge-to-edge technology	Electronic image stabilization, Defogging Shock detection, Scene profiles HDMI, HD-SDI, I2C Axis Edge Vault,, Edge-to-edge technology	Electronic image stabilization IK10 Defogging Built-in license plate capture assistant Support for third-party based LPR analytics	IK08 Axis Edge Vault Edge-to-edge technology	IK08 Axis Edge Vault Edge-to-edge technology

Axis bullet cameras

	AXIS P14 Series				
	AXIS P1468-LE 	AXIS P1467-LE 	AXIS P1465-LE 	AXIS P1465-LE-3 License Plate Verifier Kit 	AXIS P1455-LE 
Max. video resolution	3840x2160	2592x1944 (5 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	1/1.2", 6.2–12.9 mm, F1.6–2.9, 108° – 49°	1/2.7", 2.8–8 mm, F1.3, 106° – 38°	1/2.8", 3 – 9 mm, F1.6 – 3.3, 117° – 37° 1/2.8", 10.9 – 29 mm, F1.7–1.7, 29° – 11°	1/2.8", 10.9 – 29 mm, F1.7–1.7, 29° – 11°	1/2.8", 3 – 9 mm, F1.6, 114° – 37°
Min. illumination (lux) Color/B&W	0,07/0,00	0,13/0,00	9 mm: 0,06/0,00 29 mm: 0,06/0,00	0.07/0.00	9 mm: 0,07/0,00
Max. frames per second	50/60	5 MP: 25/30 720p: 180	50/60	25/30	50/60
Optical zoom	3x	3x	3x	3x	3x
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -
Compute capabilities	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Machine learning processing unit
Included video analytics (for Axis video analytics, see page 4)	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS License Plate Verifier Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm
Power	PoE Class 3, DC	PoE Class 3, DC	PoE Class 3, DC	PoE Class 3, DC	PoE Class 3, DC (29 mm)
In-/output ports	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)
Approvals	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 WDR	Forensic WDR	Forensic 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	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓
Secure Boot/ Signed video/Secure keystore	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / - / ✓
Special features	IK10, Defogging Shock detection Axis Edge Vault Edge-to-edge technology	IK10, Defogging Shock detection Axis Edge Vault Edge-to-edge technology	IK10, Defogging Shock detection Axis Edge Vault Edge-to-edge technology	IK10, Defogging Shock detection Axis Edge Vault Edge-to-edge technology Tuned for license plate capture Vehicle speed up to 105 km/h (65 mph)	IK10, Defogging Shock detection Axis Edge Vault Edge-to-edge technology

Axis modular cameras

AXIS F Series - Only compatible with 2nd generation devices									
	AXIS F9104-B	AXIS F9111	AXIS F9114	AXIS F9114-B	AXIS F7225-RE ¹	AXIS F4105-LRE ¹	AXIS F2135-RE ¹	AXIS F2115-R ¹	AXIS F2105-RE ¹
									
Max. video resolution	1920x1200 (2.3 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1200 (2.3 MP)	1920x1200 (2.3 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)
Sensor size/Lens/ Horizontal field of view	-	-	-	-	1/4", 3.7mm, F2.5, 97°	1/2.8", 2.8 mm, F1.6, 110°	1/2.8", 1.98 mm, F2.0, 185°	1/2.8", 3.2-5.7 mm, F2.2-F3.1, 107°-56°	1/2.8", 3 mm, F2.0, 108°
Min. illumination (lux) Color/B&W	-	-	-	-	0.3	0.3	0.1/-	0.1/-	0.1/-
Max. frames per second	60	180	60	60	See AXIS F91XX Main Units	See AXIS F91XX Main Units	See AXIS F91XX Main Units	See AXIS F91XX Main Units	See AXIS F91XX Main Units
Audio support/ Built-in mic	-/-	✓/ -	✓/ -	✓/ -	-/-	-/-	-/-	-/-	-/-
Included video analytics (for Axis video analytics, see page 4)	AXIS Object Analytics Active tampering alarm	AXIS Object Analytics Active tampering alarm	AXIS Object Analytics Active tampering alarm	AXIS Object Analytics Active tampering alarm	-	-	-	-	-
Power	PoE Class 4, DC	PoE Class 4, DC	PoE Class 4, DC	PoE Class 4, DC	-	-	-	-	-
In-/output ports	0	4	4	4	-	-	-	-	-
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 to 60 °C (-40 °F to 140 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °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)
Approvals	-	-	-	-	IP66/67	IP66/IP67/ IP6K9K	IP66/IP67/IP6K9K	IP5X	IP66/IP67/IP6K9K
WDR	Forensic 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	-/-	-/-	-/-	-/-	-/-	-/✓	-/-	-/-	-/-
Secure Boot/ Signed video/Secure keystore	✓/ -/✓	✓/ -/✓	✓/ -/✓	✓/ -/✓	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-
Special features	Quad view Axis Edge Vault Suited for onboard surveillance Supports 4 sensor units	Ignition control Rugged Axis Edge Vault Suited for onboard surveillance	Ignition control Quad view Rugged Axis Edge Vault Suited for onboard surveillance Supports 4 sensor units	Quad view Axis Edge Vault Suited for onboard surveillance Supports 4 sensor units	Rugged Suited for onboard surveillance	Rugged Suited for onboard surveillance	Rugged Suited for onboard surveillance	Rugged Suited for onboard surveillance	Rugged Suited for onboard surveillance






1. For use with 2nd generation AXIS F Series Main Units

Axis modular cameras

	AXIS FA Series								
	AXIS FA54	AXIS FA51-B	AXIS FA51	AXIS FA4115 ¹	AXIS FA4090-E ¹	AXIS FA3105-L ¹	AXIS FA1125 ¹	AXIS FA1105 ¹	AXIS FA1080-E ¹
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	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 2.2 mm, F1.05, 63°, 4 mm, F1.2, 35.4°
Min. illumination (lux) Color/B&W	-	-	-	0.2/-	-	0.2/-	0.25/-	0.2/-	-
Max. frames per second	25/30	25/30	25/30	25/30	8.3	25/30	25/30	25/30	8.3
Audio support/ Built-in mic	✓ / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Included video analytics (for Axis video analytics, see page 4)	Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection AXIS Face Detector Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection AXIS Face Detector Active tampering alarm	-	-	-	-	-	-
Power	DC	PoE Class 3	PoE Class 3	-	-	-	-	-	-
In-/output ports	4	2	2	-	-	-	-	-	-
Operating temperature	0 °C to 45 °C (32 °F to 113 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-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)	-30 °C to 55 °C (-22 °F to 131 °F)
Approvals	-	-	-	-	IP66/IP67	-	-	-	IP66/IP67
WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	-	Forensic WDR	Forensic WDR	Forensic WDR	-
Lightfinder	-	-	-	-	-	-	-	-	-
Zipstream/H.264/H.265	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
Optimized IR/Built-in IR	- / -	- / -	- / -	- / -	- / -	- / ✓	- / -	- / -	- / -
Secure Boot/ Signed video/Secure keystore	- / - / -	✓ / - / ✓	✓ / - / ✓	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
Special features	Supports 4 sensor units 2x memory card slots HDMI Quad view	Supports 1 sensor unit Memory card slot HDMI Axis Edge Vault	Barebone Supports 1 sensor unit Memory card slot HDMI Axis Edge Vault	Varifocal lens	Thermal palettes	Standard lens	Pinhole lens	Standard lens	Thermal palettes







1. For use with AXIS FA Main Unit

Axis modular cameras






	AXIS P12 Series				
	AXIS P1290-E 	AXIS P1280-E 	AXIS P1275 	AXIS P1265 	AXIS P1245 
Max. video resolution	208x156	208x156	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	Uncooled microbolometer Athermalized lens 4 mm, F1.2, 35.4°	Uncooled microbolometer Athermalized lens 2.2 mm, F1.05, 63°, 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°	1/2.9", 2.8 mm, F2.0, 111°
Min. illumination (lux) Color/B&W	-	-	0.22/-	0.27/-	0.22/-
Max. frames per second	8.3	8.3	25/30	25/30	25/30
Sensitivity	NETD < 100 mK	NETD < 100 mK	-	-	-
Detection range (m/yd.)	166/182 ¹ 511/559 ²	166/182 ¹ 511/559 ²	-	-	-
Audio support/ Built-in mic	- / -	- / -	- / -	- / -	- / -
Included video analytics (for Axis video analytics, see page 4)	AXIS Guard Suite AXIS Video Motion Detection	AXIS Guard Suite AXIS Video Motion Detection	AXIS Video Motion Detection, Active tampering alarm	AXIS Video Motion Detection, Active tampering alarm	AXIS Video Motion Detection, Active tampering alarm
Power	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2
In-/output ports	-	-	-	-	-
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)
Approvals	IP66/IP67	IP66/IP67	-	-	-
WDR	-	-	Forensic Capture	Forensic Capture	Forensic Capture
Lightfinder	-	-	-	-	-
Zipstream/H.264/H.265	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -
OptimizedIR/Built-in IR	- / -	- / -	- / -	- / -	- / -
Secure Boot/ Signed video/Secure keystore	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
Special features	Thermal palettes	Thermal palettes	Varifocal lens	Pinhole lens	Standard lens

1. Detection range measured for humans, 1.8 x 0.5 m, calculated with Johnson's criteria
 2. Detection range measured for vehicles, 4 x 1.5 m, calculated with Johnson's criteria










Axis dome cameras

	AXIS Q92	AXIS Q36 Series		AXIS Q35 Series		
	AXIS Q9216-SLV 	AXIS Q3628-VE 	AXIS Q3626-VE 	AXIS Q3538-SLVE 	AXIS Q3538-LVE 	AXIS Q3536-LVE 
Max. video resolution	2304x1728 (4 MP)	3840x2160 (8.3 MP)	2688x1512 (4.1 MP)	3840x2160 (8.3 MP)	3840x2160 (8.3 MP)	2688x1512 (4.1 MP)
Sensor size/Lens/ Horizontal field of view	1/2.5", 2.4 mm, F2.0, 125°	1/1.2", 6.2-12.9 mm, F1.6-2.9, 103°-48°	1/1.8", 4.3-8-6 mm, F1.5-2.4, 103°-52°	1/1.2", 6.2 - 12.9 mm, F1.6 - 2.9, 103°- 49°	1/1.2", 6.2 - 12.9 mm, F1.6 - 2.9, 103°- 49°	9 mm: 1/1.8", 4.3 - 8.6 mm, F1.5 - 2.4, 103°- 53° 29 mm: 1/1.8", 11.3 - 29.4 mm, F1, 40°- 15°
Min. illumination (lux) Color/B&W	0.23/0.05	0.07/0.01	0.06/0.01	0.07/0.00	0.07/0.00	9 mm: 0.06/0.00 29 mm: 0.08/0.00
Max. frames per second	25/30	50/60	50/60	50/60	50/60	50/60
Audio support/ Built-in mic	✓ / ✓	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -
Compute capabilities	-	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit
Included video analytics (for Axis video analytics, see page 4)	Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield
Power	PoE Class 3	PoE Class 4, DC	PoE Class 4, DC	PoE Class 4, DC	PoE Class 4, DC	PoE Class 4, DC
In-/output ports	1/1	2	2	2	2	2
Operating temperature	-20 °C to 50 °C (-4 °F to 122 °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 60 °C (-58 °F to 140 °F)	-50 °C to 60 °C (-58 °F to 140 °F)
Approvals	IP66/IP6K9K/NEMA 4X	IP66/NEMA 250 Type 4X/NEMA TS 2 (2.2.7-2.2.9)	IP66/NEMA 250 Type 4X/NEMA TS 2 (2.2.7-2.2.9)	NSF/ANSI Standard 169, DNV IP66/NEMA 250 Type 4X/NEMA TS 2 (2.2.7-2.2.9)	IP66/NEMA 250 Type 4X/NEMA TS 2 (2.2.7-2.2.9)	IP66/NEMA 250 Type 4X/NEMA TS 2 (2.2.7-2.2.9)
WDR	WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR
Lightfinder	-	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
OptimizedIR/Built-in IR	- / ✓	- / -	- / -	✓ / ✓	✓ / ✓	✓ / ✓
Secure Boot/ Signed video/Secure keystore	- / - / -	✓ / ✓ / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2
Special features	Anti-ligature K10+ Stainless steel Polygonal privacy masking Shock detection	Axis Edge Vault Electronic image stabilization Defogging IK10 IP6K9K Shock detection Aluminum casing	Axis Edge Vault Electronic image stabilization Defogging IK10 IP6K9K Shock detection Aluminum casing	Axis Edge Vault 316L Stainless steel Electronic image stabilization Defogging IK10+ IP6K9K Shock detection	Axis Edge Vault Electronic image stabilization Defogging IK10+ IP6K9K Shock detection Aluminum casing	Axis Edge Vault, Electronic image stabilization Defogging IK10+ IP6K9K Shock detection Aluminum casing








Axis dome cameras

	AXIS P91	AXIS P39 Series			
	AXIS P9106-V 	AXIS P3935-LR 	AXIS P3925-R 	AXIS P3925-LRE 	AXIS P3905-R Mk III 
Max. video resolution	4:3 ratio: 2016x1512 (3MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	1/3", 1.8 mm, F2.4, 130°	1/2.9", 2.8 mm, F1.6, 110°	1/2.9", 2.8 mm, F1.6, 110°	1/2.9", 6.0 mm, F1.9, 56°	1/2.9", 3.6 mm, F2.0, 88°
Min. illumination (lux) Color/B&W	0.35/-	0.06/0.01	0.06/0.01	0.07/0.02	0.13/-
Max. frames per second	25/30	25/30	25/30	25/30	25/30
Audio support/ Built-in mic	- / -	✓ / ✓	- / -	- / -	- / -
Compute capabilities	-	-	-	-	-
Included video analytics (for Axis video analytics, see page 4)	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite Blocked view detection Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite Blocked view detection AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Shock detection	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm
Power	PoE Class 1	PoE Class 3	PoE Class 2	PoE Class 3	PoE Class 1
In-/output ports	-	1/1	-	-	-
Operating temperature	-15 °C to 50 °C (5 °F to 122 °F)	Normal: -40 °C to 55 °C (-40 °F to 131 °F) Maximum (intermittent): 70 °C (158 °F)	Normal: -40 °C to 55 °C (-40 °F to 131 °F) Maximum (intermittent): 70 °C (158 °F)	Normal: -40 °C to 55 °C (-40 °F to 131 °F) Maximum (intermittent): 70 °C (158 °F)	Normal: -30 °C to 55 °C (-22 °F to 131 °F) Maximum (intermittent): 70 °C (158 °F)
Approvals	IP66 (Indoor only)	IP66/IP67/NEMA 4X (Indoor only)	IP66/IP67/NEMA 4X (Indoor only)	IP66/IP67/IP6K9K/NEMA 4X	P66/IP67/NEMA 4X (Indoor only)
WDR	WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR
Lightfinder	-	✓	✓	✓	✓
Zipstream/H.264/H.265	✓ / ✓ / -	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Optimized IR/Built-in IR	- / -	- / ✓	- / -	- / ✓	- / -
Secure Boot/ Signed video/Secure keystore	- / - / -	✓ / - / -	✓ / - / -	✓ / - / -	✓ / ✓ / ✓
Special features	PoE over 2-wire IK10 Indoor anti-ligature	EN50155, EN45545, and NFPA 130 compliance Electronic Image Stabilization Shock detection 45 fps in 720p IK10 Suited for indoor onboard surveillance	EN50155, EN45545, and NFPA 130 compliance Electronic Image Stabilization Shock detection 45 fps in 720p IK10 Suited for indoor onboard surveillance	EN50155, EN45545 compliance Electronic Image Stabilization Shock detection 45 fps in 720p IK10+ Suited for exterior onboard monitoring	EN50155, EN45545 compliance IK10 Suited for indoor onboard surveillance








Axis dome cameras

	AXIS P32 Series								
	AXIS P3265-LVE	AXIS P3265-LV	AXIS P3265-V	AXIS P3255-LVE	AXIS P3268-LV	AXIS P3268-LVE	AXIS P3267-LV	AXIS P3267-LVE	AXIS P3265-LVE-3 License Plate Verifier Kit
									
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)	2592x1944 (5 MP)	2592x1944 (5 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	9 mm: 1/2.8", 3.4 – 8.9 mm, F1.8, 100°–36° 22 mm: 1/2.8", 9 – 22 mm, F1.6, 35°–15°	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°	1/1.8", 4.3 – 8.6 mm, F1.5, 100°–53°	1/1.8", 4.3 – 8.6 mm, F1.5, 100°–53°	1/2.7", 3 – 8 mm, F1.3, 104°–40°	1/2.7", 3 – 8 mm, F1.3, 104°–40°	1/2.8", 3.4 – 8.9 mm, F1.8, 100°–36°
Min. illumination (lux) Color/ B&W	0.1/0.00	0.1/0.00	0.1/0.02	0.1/0.00	0.14/0.00	0.14/0.00	0.13/0.00	0.13/0.00	0.1/0.00
Max. frames per second	50/60	50/60	50/60	50/60	25/30	25/30	25/30	25/30	50/60
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -
Compute capabilities	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit
Included video analytics (for Axis video analytics, see page 4)	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS License Plate Verifier Audio detection AXIS Video Motion Detection Active tampering alarm
Power	PoE Class 3	PoE Class 3	PoE Class 2	PoE Class 4	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3
In-/output ports	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Operating temperature	-40 °C to 50 °C (-40 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)	-40 °C to 50 °C (-40 °F to 122 °F)	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)	-40 °C to 50 °C (-40 °F to 122 °F)
Approvals	IP66/NEMA 250 Type 4X/NEMA TS 2 (2.2.7-2.2.9)	-	-	IP66/NEMA 250 Type 4X/NEMA TS 2 (2.2.7-2.2.9)	-	IP66/NEMA 250 Type 4X/NEMA TS 2 (2.2.7-2.2.9)	-	IP66/NEMA 250 Type 4X/NEMA TS 2 (2.2.7-2.2.9)	IP66/NEMA 250 Type 4X/NEMA TS 2 (2.2.7-2.2.9)
WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR
Lightfinder	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	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	✓ / ✓	✓ / ✓	- / -	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓
Secure Boot/ Signed video/Secure keystore	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / - / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Special features	IK10 Axis Edge Vault Edge-to-edge technology	IK10 Axis Edge Vault Edge-to-edge technology	IK10 Axis Edge Vault Edge-to-edge technology	IK10 Axis Edge Vault	IK10 Axis Edge Vault Edge-to-edge technology	IK10 Axis Edge Vault Edge-to-edge technology	IK10 Axis Edge Vault Edge-to-edge technology	IK10 Axis Edge Vault Edge-to-edge technology	IK10 Axis Edge Vault

Axis dome cameras

	AXIS M42 Series						AXIS M39
	AXIS M4218-LV	AXIS M4218-V	AXIS M4216-LV	AXIS M4216-V	AXIS M4215-LV	AXIS M4215-V	AXIS M3905-R
							
Max. video resolution	3840x2160 (8.3 MP)	3840x2160 (8.3 MP)	2304x1728 (4 MP)	2304x1728 (4 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	1/2.8", 3.5-6.6 mm, F1.7-2.6, 93°-47°	1/2.8", 3.5-6.6 mm, F1.7-2.6, 93°-47°	1/2.7", 3 - 6 mm, F1.9 - 2.7, 100°- 45°	1/2.7", 3 - 6 mm, F1.9 - 2.7, 100°- 45°	1/2.8", 3.5-6.6 mm, F1.7-2.6, 93°-47°	1/2.8", 3.5-6.6 mm, F1.7-2.6, 93°-47°	1/2.9", 3.6 mm, F2.0, 88°
Min. illumination (lux) Color/B&W	0.24/0.00	0.24/0.04	0.18/0.00	0.18/0.3	0.14/0.00	0.14/0.03	-
Max.frames per second	12.5/15	12.5/15	25/30	25/30	25/30	25/30	25/30
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	- / -
Compute capabilities	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	-
Included video analytics (for Axis video analytics, see page 4)	AXIS Object Analytics AXIS Video Motion Detection AXIS Face Detector Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics AXIS Video Motion Detection AXIS Face Detector Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics AXIS Video Motion Detection AXIS Face Detector Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics AXIS Video Motion Detection AXIS Face Detector Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics AXIS Video Motion Detection AXIS Face Detector Active tampering alarm AXIS Live Privacy Shield	AXIS Object Analytics AXIS Video Motion Detection AXIS Face Detector Active tampering alarm AXIS Live Privacy Shield	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm
Power	PoE Class 3	PoE Class 2	PoE Class 3	PoE Class 2	PoE Class 3	PoE Class 2	PoE Class 1
In-/output ports	-	-	-	-	-	-	-
Operating temperature	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)	Normal: -30 °C to 55 °C (-22 °F to 131 °F) Maximum (intermittent): 70 °C (158 °F)
Approvals	-	-	-	-	-	-	P66/IP67/NEMA 4X (Indoor only)
WDR	WDR	WDR	WDR	WDR	WDR	WDR	Forensic WDR
Lightfinder	-	-	✓	✓	✓	✓	✓
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
OptimizedIR/Built-in IR	✓ / ✓	- / -	✓ / ✓	- / -	✓ / ✓	- / -	- / -
Secure Boot/ Signed video/Secure keystore	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Special features	HDMI IK08 Axis Edge Vault Edge-to-edge technology	HDMI IK08 Axis Edge Vault Edge-to-edge technology	HDMI IK08 Axis Edge Vault Edge-to-edge technology	HDMI IK08 Axis Edge Vault Edge-to-edge technology	HDMI IK08 Axis Edge Vault Edge-to-edge technology	HDMI IK08 Axis Edge Vault Edge-to-edge technology	IK10 Suited for indoor onboard surveillance


Axis dome cameras

	AXIS M32 Series		AXIS M31 Series		AXIS M30 Series		
	AXIS M3216-LVE 	AXIS M3215-LVE 	AXIS M3116-LVE 	AXIS M3115-LVE 	AXIS M3088-V 	AXIS M3086-V 	AXIS M3085-V 
Max. video resolution	2688x1512 (4.1 MP)	1920x1080 (2.1 MP)	2688x1512 (4.1 MP)	1920x1080 (2.1 MP)	3840x2160 (8.3 MP)	2688x1512 (4.1 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	1/2.7", 2.9 mm, F2.0, 102°	1/2.9", 3.1 mm, F2.0, 101°	1/2.7", 2.4 mm, F2.1, 130°	1/2.9", 2.8 mm, F2.0, 105°	1/2.8", 2.9 mm, F2.0, 109°	1/2.7", 2.4 mm, F2.1 130°	1/2.9", 3.1 mm, F2.0 102°
Min. illumination (lux) Color/B&W	0.16/0.00	0.14/0.00	0.19/0.00	0.17/0.00	0.25 / 0.05	0.19/0.03	0.18/0.03
Max. frames per second	25/30	25/30	25/30	25/30	12/15	25/30	25/30
Audio support/ Built-in mic	✓ / -	✓ / -	- / -	- / -	✓ / -	✓ / -	✓ / -
Compute capabilities	Deep learning processing unit	Deep learning processing unit	-	-	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit
Included video analytics (for Axis video analytics, see page 4)	AXIS Object Analytics AXIS Video Motion Detection Active tampering alarm Audio detection	AXIS Object Analytics AXIS Video Motion Detection Active tampering alarm Audio detection	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Video Motion Detection	AXIS Object Analytics AXIS Video Motion Detection	AXIS Object Analytics AXIS Video Motion Detection
Power	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 2	PoE Class 2	PoE Class 2
In-/output ports	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)	-30 °C to 50 °C (-22 °F to 122 °F)	-30 °C to 50 °C (-22 °F to 122 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)
Approvals	IP66/NEMA 250 Type 4X/NEMA TS 2 (2.2.7-2.2.9)	IP66/NEMA 250 Type 4X/NEMA TS 2 (2.2.7-2.2.9)	IP66/67/NEMA 250 Type 4X	IP66/67/NEMA 250 Type 4X	-	-	-
WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	WDR	WDR	WDR
Lightfinder	✓	✓	✓	✓	-	✓	✓
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Optimized IR/ Built-in IR	✓ / ✓	✓ / ✓	- / ✓	- / ✓	- / -	- / -	- / -
Secure Boot/ Signed video/Secure keystore	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / - / -	✓ / - / -	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Special features	IK10 Axis Edge Vault Edge-to-edge technology	IK10 Axis Edge Vault Edge-to-edge technology	IK08	IK08	IK08 Axis Edge Vault Edge-to-Edge technology	IK08 Axis Edge Vault Edge-to-Edge technology	IK08 Axis Edge Vault Edge-to-Edge technology

Axis panoramic cameras

	AXIS Q38	AXIS P47 Series			AXIS P38 Series	
	AXIS Q3819-PVE 	AXIS P4707-PLVE 	AXIS P4705-PLVE 	AXIS P3827-PVE  NEW	AXIS P3818-PVE 	AXIS P3807-PVE 
Max. video resolution	8192x1728 (14 MP)	2x 2592x1944 (2x 5MP)	2x 1920x1080 (2x 2MP)	3712x1856 (6.9 MP)	5120x2560 (13.1 MP)	4320x1920 (8.3 MP)
Sensor size/Lens/ Horizontal field of view	4x 1/2.5", 5.9 mm, F1.88, 180°	2x 1/2.7", 3.3 – 8.1 mm, F1.9 – 3.2, 98°– 36°	2x 1/2.8", 3.3 – 8.1 mm, F1.9 – 3.2, 107°– 39°	4x 1/2.8", 3.3 mm, F2.0, 180°	3x 1/2.8", 3.2 mm, F2.0, 180°	4x 1/2.9", 3.2 mm, F2.0, 180°
Day and night	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.16/0.06	0.19/0.00	0.15/0.00	0.15/0.05	0.15/0.06	0.17/0.05
Max. frames per second	25/30	25/30	50/60	25/30	25/30	25/30
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	- / -
Compute capabilities	-	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	-	-
Included video analytics (for Axis video analytics, see page 4)	AXIS Object Analytics AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics on all channels AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics on all channels AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm
Power	Poe Class 4	Poe Class 4	PoE Class 3 with limited IR range PoE Class 4 with full IR range	Poe Class 4	Poe Class 4	Poe Class 3
In-/output ports	1/1	-	-	1/1	1/1	-
Operating temperature	-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)	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 50 °C (-40 °F to 122 °F)	-30 °C to 50 °C (-22 °F to 122 °F)
Approvals	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/67/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	- / -	✓ / ✓	✓ / ✓	- / -	- / -	- / -
Secure Boot/ Signed video/Secure keystore	✓ / - / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2	✓ / - / FIPS 140-2 Level 2	- / - / -
Special features	Axis Edge Vault 1 IP address, IK10 Vertical FoV 38 Pan/Tilt/Roll motors	Axis Edge Vault 1 IP address, IK10 Remote zoom & focus, Group view Individually controllable IR LEDs	Axis Edge Vault 1 IP address, IK10 Remote zoom & focus, Group view Individually controllable IR LEDs	Axis Edge Vault 1 IP address IK10 Vertical FoV 90	1 IP address IK10 Vertical FoV 90	1 IP address IK10 Vertical FoV 90






Axis panoramic cameras

	AXIS P37 Series		AXIS M43 Series		
	AXIS P3727-PLE 	AXIS P3719-PLE 	AXIS M4328-P 	AXIS M4327-P 	AXIS M4308-PLE 
Max. video resolution	4x 1920x1080 (4x2MP)	4x 2560x1440 (4x3.7MP)	2992x2992 (12 MP)	2160x2160 (6 MP)	2880x2880 (12 MP)
Sensor size/Lens/ Horizontal field of view	4x 1/2.8", 3 - 6 mm, F1.8 - 2.6, 96° - 49°	4x 1/2.5", 3 - 6 mm, F1.8 - 2.6, 101° - 49°	1/2.3", 1.2 mm, F2.2, 182°	1/1.8", 1.1 mm, F2.2, 182°	1/1.7", 1.3 mm, F2.4, 183°
Day and night	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.17/0.00	0.2/0.00	0.19/0.04	0.16/0.03	0.19/0.00
Max. frames per second	25/30	25/30	25/30	50/60	25/30
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / -	✓ / -	✓ / ✓
Compute capabilities	-	-	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit
Included video analytics (for Axis video analytics, see page 4)	Axis Object Analytics (1ch) AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Video Motion Detection	AXIS Object Analytics AXIS Video Motion Detection	AXIS Object Analytics AXIS Video Motion Detection Active tampering alarm Audio detection
Power	PoE Class 3 w/o IR PoE Class 4 w IR	PoE Class 3 w/o IR PoE Class 4 w IR	Poe Class 3	Poe Class 3	Poe Class 4
In-/output ports	-	-	-	-	1/1
Operating temperature	-30 °C to 50 °C (-22 °F to 122 °F)	-30 °C to 50 °C (-22 °F to 122 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	-40 °C to 50 °C (-40 °F to 122 °F)
Approvals	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	-	-	IP66/NEMA 4X
WDR	Forensic WDR	WDR	Forensic WDR	Forensic WDR	Forensic WDR
Lightfinder	✓	✓	✓	✓	✓
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Optimized IR/Built-in IR	✓ / ✓	✓ / ✓	- / -	- / -	✓ / ✓
Secure Boot/ Signed video/Secure keystore	✓ / ✓ / FIPS 140-2 Level 2	- / - / -	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / -
Special features	1 IP address IK09, Remote zoom & focus 2 SD card slots, Quad view Individually controllable IR LEDs, Axis Edge Vault	1 IP address IK09, Remote zoom & focus 2 SD card slots, Quad view Individually controllable IR LEDs	Dewarped views Axis Edge Vault	Dewarped views Axis Edge Vault	Voice enhancer Dewarped views IK09 Axis Edge Vault

Axis panoramic cameras

	AXIS M43 Series		AXIS M30 Series		
	AXIS M4318-PLVE  NEW	AXIS M4317-PLVE  NEW	AXIS M3077-PLVE 	AXIS M3057-PLVE Mk II 	AXIS M3057-PLR Mk II  NEW
Max. video resolution	2992x2992 (12MP)	2160x2160 (6 MP)	2016x2016 (6 MP)	2048x2048 (6 MP)	2048x2048 (6 MP)
Sensor size/Lens/ Horizontal field of view	1/2.3", 1.2 mm, F2.2, 182°	1/1.8", 1.1 mm, F2.2, 182°	1/1.8", 1.6 mm, F2.0, 183°	1/1.8", 1.6 mm, F2.0, 185°	1/1.8", 1.56 mm, F2.0, 185°
Day and night	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.19/0.04	0.16/0.03	0.16/0.00	0.16/0.00	0.16/0.00
Max. frames per second	25/30	50/60	25/30	50/60	50/60
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / ✓	- / -	- / -
Compute capabilities	Deep learning processing unit	Deep learning processing unit	-	-	-
Included video analytics (for Axis video analytics, see page 4)	AXIS Object Analytics AXIS Video Motion Detection	AXIS Object Analytics AXIS Video Motion Detection	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm
Power	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3
In-/output ports	1/1	1/1	1/1	1/1	1/1
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	-40 °C to 50 °C (-40 °F to 122 °F)	-40 °C to 50 °C (-40 °F to 122 °F)	-40 °C to 55 °C (-40 °F to 131 °F)
Approvals	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X
WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR
Lightfinder	✓	✓	✓	✓	✓
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Optimized IR/Built-in IR	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓
Secure Boot/ Signed video/Secure keystore	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / - / ✓	✓ / - / ✓	✓ / - / ✓
Special features	Dewarped views Axis Edge Vault	Dewarped views Axis Edge Vault	IK10, Dewarped views Axis Edge Vault	IK10, Dewarped views Axis Edge Vault	IK10, Dewarped views Axis Edge Vault Suited for onboard surveillance






Axis pan/tilt/zoom cameras

	AXIS Q87 Series		AXIS Q86 Series		
	AXIS Q8752-E, zoom 	AXIS Q8752-E 	AXIS Q8642-E 	AXIS Q8641-E 	AXIS Q8615-E 
Max. video resolution	Visual: 1920x1080 Thermal: 640x480	Visual: 1920x1080 Thermal: 640x480	640x480	384x288	1920x1080
Sensor size/Lens/ Horizontal field of view	Visual: 1/2.8" progressive scan CMOS, 4.3 – 137,6 mm, F1.4 – 4.0 58.5° – 2.4° Thermal: Uncooled microbolometer Athermalized 35-105 mm, F1.6, 18° – 6°	Visual: 1/2.8" progressive scan CMOS, 4.3 – 137,6 mm, F1.4 – 4.0 58.5° – 2.4° Thermal: Uncooled microbolometer Athermalized 35 mm, F1.2, 17°	Uncooled microbolometer Athermalized 60 mm, F1.25, 10.0°	Uncooled microbolometer Athermalized 35 mm, F1.2; 10.7°	1/2", 6.9 – 214.6 mm, F1.36 – 4.6, 60.6° – 2.0°
Day and night	✓	✓	-	-	✓
Min. illumination (lux) Color/B&W	Visual: 0.1/0.02	Visual: 0.1/0.02	-/-	-/-	0.06/0.001
Max. frames per second	Visual: 50/60 Thermal: 8.3/30 ¹	Visual: 50/60 Thermal: 8.3/30 ¹	8.3/30 ¹	8.3/30 ¹	50/60
Pan/Tilt	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°	360° endless / -90° to 45° -45° to 90° (inverted configuration)
Optical zoom	Visual: 32 Thermal: 3	Visual: 32	-	-	31
Sensitivity	Thermal: NETD < 50 mK	Thermal: NETD < 50 mK	NETD < 50 mK	NETD < 70 mK	-
Included video analytics (for Axis video analytics, see page 4)	Advanced gatekeeper Audio detection AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	Advanced gatekeeper Audio detection AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection	AXIS Guard Suite AXIS Video Motion Detection	AXIS Object Analytics Active Gatekeeper Autotracking AXIS Video Motion Detection
Power	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
Operating temperature	-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)	-50 °C to 55 °C (-58 °F to 131 °F)
Approvals	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X
WDR	Visual: Forensic WDR	Visual: Forensic WDR	-	-	Forensic WDR
Lightfinder	Lightfinder 2.0	Lightfinder 2.0	-	-	Lightfinder 2.0
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / ✓
Optimized IR/Built-in IR	- / -	- / -	- / -	- / -	- / -
Secure Boot/ Signed video/Secure keystore	✓ / ✓ / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2	- / - / -	- / - / -	✓ / ✓ / FIPS 140-2 Level 2
Special features	IK10 Axis Edge Vault Electronic image stabilization ² RJ45 and SFP interfaces Thermal palettes Defogging, Built-in wiper Visual channel: Focus recall	IK10 Axis Edge Vault Electronic image stabilization ² RJ45 and SFP interfaces Thermal palettes Defogging, Built-in wiper Visual channel: Focus recall	Electronic image stabilization Shock detection SFP slot Thermal palettes	Electronic image stabilization Shock detection SFP slot Thermal palettes	Electronic image stabilization Built-in wiper, Orientation aid IK10 (Except window) Shock detection RJ45 and SFP interfaces Axis Edge Vault








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. Electronic image stabilization (EIS) on both thermal and visual camera.




Axis pan/tilt/zoom cameras

	AXIS Q63 Series		AXIS Q62	AXIS Q61 Series	
	AXIS Q6318-LE 	AXIS Q6315-LE 	AXIS Q6225-LE 	AXIS Q6135-LE PTZ 	AXIS Q6100-E 
Max. video resolution	3840x2160 (8 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	2592x1944 (20.4 MP)
Sensor size/Lens/ Horizontal field of view	1/2" 6.91 – 214.64 mm, F1.36 – F4.6, 58.5° – 2.3°	1/2", 6.91 – 214.64 mm, F1.36 – F4.6, 60.6° – 2.0°	1/2", 6.91 – 214.64 mm, F1.36 – 4.6 63.8° – 2.2°	1/2.8", 4.3 – 137.6 mm, F1.4 – 4.0 58.3° – 2.4°	1/2.5", 2.8 mm, F2.0, 360°
Day and night	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.11/0.001	0.06/0.001	0.05/0.001	0.06/0.00	0.3/0.03
Max. frames per second	25/30	50/60	50/60	50/60	20
Optical zoom	31	31	31	32	-
Audio support/ Built-in mic	✓ / -	✓ / -	- / -	✓ / -	✓ / -
Included video analytics (for Axis video analytics, see page 4)	AXIS Object Analytics Active Gatekeeper Autotracking AXIS Video Motion Detection	AXIS Object Analytics Active Gatekeeper Autotracking AXIS Video Motion Detection	AXIS Object Analytics Active Gatekeeper Autotracking AXIS Video Motion Detection	Axis Object Analytics Active Gatekeeper Autotracking AXIS Video Motion Detection	AXIS Guard Suite Autopilot AXIS Video Motion Detection
Power	PoE Class 6, High PoE SFP midspan included	PoE Class 6, High PoE SFP midspan included	PoE Class 8, High PoE Midspan included	PoE Class 4, High PoE SFP midspan included	PoE
In-/output ports	-	-	-	-	-
Operating temperature	-50 °C to 50 °C (-58 °F to 122 °F)	-50 °C to 50 °C (-58 °F to 122 °F)	-50 °C to 55 °C (-58 °F to 131 °F)	-50 °C to 50 °C (-58 °F to 122 °F)	-40 °C to 50 °C (-40 °F to 122 °F) With AXIS Camera Heater Power Supply: -50 °C to 50 °C (-58 °F to 122 °F)
Approvals	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP68/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X
WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic Capture	WDR
Lightfinder	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	-
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Optimized IR/Built-in IR	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	- / -
Secure Boot/ Signed video/Secure keystore	✓ / ✓ / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2	✓ / - / FIPS 140-2 Level 2	- / - / -
Special features	Electronic image stabilization Orientation aid, IK10 Laser focus, Sharpdome Speed dry, Shock detection Axis Edge Vault	Electronic image stabilization Orientation aid, IK10 Laser focus, Sharpdome Speed dry, Shock detection	MIL-STD-810G Electronic image stabilization Built-in wiper, Orientation aid IK10, Shock detection Axis Edge Vault	Electronic image stabilization Focus recall, Defogging IK08, Sharpdome Speed dry Shock detection	Directional audio detection Exchangeable lenses IK10 Current AXIS Q61/Q63/P56-E PTZ Camera recommended







Axis pan/tilt/zoom cameras

AXIS Q60 Series							
	AXIS Q6078-E	AXIS Q6075	AXIS Q6075-SE	AXIS Q6075-E	AXIS Q6074	AXIS Q6074-E	AXIS Q6010-E
							
Max. video resolution	3840x2160 (8 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)	1280x720 (1 MP)	2592x1944 (20.4 MP)
Sensor size/Lens/ Horizontal field of view	1/2.5", 4.4 – 88.4 mm, F2.0 – 3.8, 68.3° – 4.20°	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)	1/2.5", 2.8 mm, F2.0, 360°
Day and night	✓	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.2/0.06	0.1/0.002	0.1/0.002	0.1/0.002	0.1/0.002	0.1/0.002	0.4/0.03
Max. frames per second	25/30	50/60	50/60	50/60	50/60	50/60	20
Optical zoom	20	40	40	40	40	30	-
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -
Included video analytics (for Axis video analytics, see page 4)	AXIS Object Analytics Active gatekeeper Autotracking 2 AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Active gatekeeper Autotracking 2 AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Active gatekeeper Autotracking 2 AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Active gatekeeper Autotracking 2 AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics, Active Gatekeeper Audio detection Autotracking AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Active Gatekeeper Audio detection Autotracking AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Autopilot
Power	High PoE Midspan included	High PoE Midspan included	DC	High PoE SFP midspan included	PoE Class 4, AC, DC Midspan included	High PoE SFP midspan included	PoE
In-/output ports	-	4	2	-	4	-	-
Operating temperature	-50 °C to 50 °C (-58 °F to 122 °F)	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)	-40 °C to 50 °C (-40 °F to 122 °F) With AXIS Camera Heater Power Supply: -50 °C to 50 °C (-58 °F to 122 °F)
Approvals	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X/6P	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X	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	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Secure Boot/ Signed video/Secure keystore	✓ / ✓ / ✓	✓ / - / ✓	✓ / - / ✓	✓ / - / ✓	✓ / - / FIPS 140-2 Level 2	✓ / - / FIPS 140-2 Level 2	- / - / -
Special features	UHD 4K Electronic image stabilization FIPS 140-2 certified TPM 2.0 module Orientation aid Automatic defog Focus recall, IK10 Object counter, Object removed Shock detection Axis Edge Vault	Electronic image stabilization 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 MIL-STD-810G 509.5 Stainless steel 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 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	Exchangeable lenses IK10 Current AXIS Q60-E PTZ Camera recommended








Axis pan/tilt/zoom cameras

	AXIS V59 Series		AXIS P56 Series		
	AXIS V5938 	AXIS V5925 	AXIS P5676-LE 	AXIS P5655-E 	AXIS P5654-E 
Max. video resolution	3840x2160 (8MP)	1920x1080 (2.1 MP)	2688x1512 (4 MP)	1920x1080 (2,1 MP)	1280x720 (1 MP)
Sensor size/Lens/ Horizontal field of view	1/2.5", 4.4 – 88 mm, F2.0 – 3.8, 70.2° – 4.1°	1/2.8", 4.4 – 132 mm, F1.4 – 4.6, 62° – 2.3°	1/2.9, 4.5 – 135 mm, F1.6 – 4.6 57.1° – 2.1°	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°
Day and night	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.7/0.06	1.0/0.03	0.1/0.01	0.1/0.01	0.1/0.01
Max. frames per second	25/30	50/60	50/60	50/60	50/60
Optical zoom	20	30	30	32	21
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / -	✓ / -	- / -
Included video analytics (for Axis video analytics, see page 4)	AXIS Video Motion Detection Active tampering alarm	AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Active Gatekeeper Autotracking AXIS Video Motion Detection	AXIS Object Analytics Advanced Gatekeeper Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Advanced Gatekeeper AXIS Video Motion Detection Active tampering alarm
Power	DC	DC	PoE Class: 4, AC, DC	PoE Class 4, AC, DC	PoE Class 4
In-/output ports	2	2	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)	-30 °C to 50 °C (-22 °F to 122 °F)
Approvals	-	-	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X
WDR	-	-	Forensic WDR	Forensic WDR	Forensic WDR
Lightfinder	-	-	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
OptimizedIR/Built-in IR	- / -	- / -	✓ / ✓	- / -	- / -
Secure Boot/ Signed video/Secure keystore	✓ / - / -	✓ / - / -	✓ / ✓ / ✓	✓ / - / -	✓ / - / -
Special features	UHD 4K 2x Canon XLR3 3G-SDI HDMI™ CamStreamer 3-month trial included VISCA support, VISCA over IP support	2x Canon XLR3 3G-SDI HDMI™ CamStreamer 3-month trial included VISCA support, VISCA over IP support	Electronic image stabilization Orientation aid, IK10 Tampering Spot Focus Axis Edge Vault	Electronic image stabilization Defogging Focus recall, IK10 Shock detection	Electronic image stabilization Defogging Focus recall IK10

Axis pan/tilt/zoom cameras




	AXIS M55	AXIS M50 Series				
	AXIS M5525-E	AXIS M5075-G	AXIS M5075	AXIS M5074	AXIS M5000	AXIS M5000-G
						
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)	PTZ camera: 1920x1080 Overview cameras: 2592x1944	PTZ camera: 1920x1080 Overview cameras: 2592x1944
Sensor size/Horizontal field of view	1/2.8", 4.7 – 47 mm, F1.6 – 3.0, 61.8° – 6.7°	1/2.8", 2.2 – 11.0 mm, F1.4 – 2.5, 71° – 14°	1/2.8", 2.2 – 11.0 mm, F1.4 – 2.5, 71° – 14°	1/2.8", 2.2 – 11.0 mm, F1.4 – 2.5, 71° – 14°	PTZ camera: 1/2.8", 4.7 – 47 mm, F1.6 – 3.0, 61.8° – 6.7° Overview cameras: 1/2.8" 2.39 mm, F2.0, 360°	PTZ camera: 1/2.8", 4.7 – 47 mm, F1.6 – 3.0, 61.8° – 6.7° Overview cameras: 1/2.8" 2.39 mm, F2.0, 360°
Day and night	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.45/0.01	0.1/-	0.1/-	0.1/-	PTZ camera: 0.09/0.01 Overview cameras: 0.08/0.03	PTZ camera: 0.09/0.01 Overview cameras: 0.08/0.03
Max. frames per second	25/30	50/60	50/60	50/60	PTZ camera: 25/30 Overview cameras: 12	PTZ camera: 25/30 Overview cameras: 12
Optical zoom	10	5	5	5	10	10
Audio support/ Built-in mic	✓ / -	✓ / ✓	✓ / ✓	✓ / ✓	✓ / -	✓ / -
Included video analytics (for Axis video analytics, see page 4)	Advanced gatekeeper Audio detection AXIS Video Motion Detection Active tampering alarm	Audio volume detection Scream detection Removed object detection AXIS Video Motion Detection Active tampering alarm	Audio volume detection Scream detection Removed object detection AXIS Video Motion Detection Active tampering alarm	Audio volume detection Scream detection Removed object detection AXIS Video Motion Detection Active tampering alarm	AXIS Loitering Guard AXIS Video Motion Detection Audio detection Shock detection Advanced gatekeeper	AXIS Loitering Guard AXIS Video Motion Detection Audio detection Shock detection Advanced gatekeeper
Power	PoE Class 3, DC	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 4, DC	PoE Class 4, DC
In-/output ports	4	-	-	-	4	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)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)
Approvals	IP66/NEMA 4X	-	-	-	-	-
WDR	Forensic Capture	Forensic WDR	Forensic WDR	Forensic WDR	Forensic Capture	Forensic Capture
Lightfinder	-	-	-	-	-	-
Zipstream/H.264/H.265	✓ / ✓ / -	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Optimized IR/Built-in IR	- / -	- / -	- / -	- / -	- / -	- / -
Secure Boot/ Signed video/Secure keystore	- / - / -	- / - / -	- / - / -	- / - / -	✓ / ✓ / ✓	✓ / ✓ / ✓
Special features	Scene profiles IK09	Wireless I/O connectivity with Z-Wave Plus® devices Autofocus	Autofocus	Autofocus	Axis Edge Vault	Wireless I/O connectivity with Z-Wave Plus® devices Axis Edge Vault

Axis thermal cameras

	AXIS Q2101-TE		AXIS Q19 Series					
	AXIS Q2101-TE	AXIS Q1961-TE	AXIS Q1952-E	AXIS Q1951-E	AXIS Q1942-E	AXIS Q1942-E PT Mount	AXIS Q1941-E	AXIS Q1941-E PT Mount
								
Max. video resolution	384x288	384x288	640x480	384x288	640x480	640x480	384x288	384x288
Sensor size/ Lens/ Horizontal field of view	Uncooled microbolometer Athermalized lens 7 mm, F1.18, 55° 13 mm, F1.0, 28° 19 mm, F1.23, 19.4°	Uncooled microbolometer Athermalized lens 7 mm, F1.18, 55° 13 mm, F1.0, 28°	Uncooled microbolometer Athermalized lens 7 mm, F1.17, 63° 13 mm, F1.0, 28° 19 mm, F1.23, 31° 35 mm, F1.14, 17°	Uncooled microbolometer Athermalized lens 7 mm, F1.18, 55° 13 mm, F1.0, 28° 19 mm, F1.23, 19.4° 35 mm, F1.14, 10.5°	Uncooled microbolometer Athermalized lens 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 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, 10.5° 60 mm, F1.25, 6.2°
Max. frames per second	8.3/30 ¹	8.3/30 ¹	8.3/30 ¹	8.3/30 ¹	8.3/30 ¹	8.3/30 ¹	8.3/30 ¹	8.3/30 ¹
Object temperature range	-40 °C to 350 °C (-40 °F to 662 °F)	-40 °C to 350 °C (-40 °F to 662 °F)	-	-	-	-	-	-
Sensitivity	NETD < 40 mK	NETD < 40 mK	NETD < 30 mK	NETD < 40 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	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: 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	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	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	- / -	✓ / -	- / -
Included video analytics (for Axis video analytics, see page 4)	AXIS Guard Suite Active tampering alarm Early fire detection Audio detection	AXIS Guard Suite Active tampering alarm Early fire detection Audio detection	AXIS Guard Suite Active tampering alarm Early fire detection Audio detection	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm Audio detection	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm Audio detection	AXIS Guard Suite AXIS Video Motion Detection	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm Audio detection	AXIS Guard Suite AXIS Video Motion Detection
Power	PoE Class 3, 12 - 28 V DC	PoE Class 3, 12 - 28 V DC	PoE Class 3, 12 - 28 V DC	PoE Class 3, 12 - 28 V DC	PoE Class 3, 24 V AC/DC	PoE Class 3, 24 V AC/DC	PoE Class 3, 24 V AC/DC	PoE Class 3, 24 V AC/DC
In-/output ports	2/2	1/1	1/1	1/1	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)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)
Approvals	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/NEMA 4X	IP66/IP67/NEMA 4X	IP66/NEMA 4X
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -
Secure Boot/ Signed video/Secure keystore	✓ / ✓ / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2	✓ / ✓ / FIPS 140-2 Level 2	✓ / - / FIPS 140-2 Level 2	- / - / -	- / - / -	- / - / -	- / - / -
Special features	Thermometric guard tour Isothermal palettes Thermal palettes Spot temperature reading Polygonal detection areas Electronic image stabilization Axis Edge Vault, IK10	Isothermal palettes Thermal palettes Spot temperature reading Polygonal detection areas Electronic image stabilization Axis Edge Vault IK10	Electronic image stabilization Thermal palettes Axis Edge Vault IK10	Electronic image stabilization Thermal palettes Axis Edge Vault IK10	Electronic image stabilization Thermal palettes Shock detection	Electronic image stabilization Thermal palettes Shock detection RS485/RS422 for pan/tilt control	Electronic image stabilization Thermal palettes Shock detection	Electronic image stabilization Thermal palettes Shock detection RS485/RS422 for pan/tilt control








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

	Zone 1/Division 1		
	AXIS XPQ1785 	ExCam XPT Q6075 	ExCam XF P3807 
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	4320x1920 (8,3 MP)
Sensor size/Lens/ Horizontal field of view	1/2.8", 4.3 - 137 mm, F1.4 - 4.0, 60° - 2.3°	1/2.8", 4.25 - 170 mm F1.6 - 4.95, 65.1° - 2.0°	4 x 1/2.9", 3,2mm, F2.0, 180°
Min. illumination (lux) Color/B&W	0.16/0.03	0.1/0.002	0.17/0.005
Max. frames per second	50/60	50/60	25/30
Optical zoom	32	40	-
Included video analytics (for Axis video analytics, see page 4)	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm Smoke alert	AXIS Guard Suite Active Gatekeeper Autotracking 2 AXIS Video Motion Detection Active tampering alarm	AXIS Gguard Suite AXIS Video Motion Detection Active tampering alarm
Power	100 - 240 V AC	PoE Class 3 and 24 V AC for additional heater SFP midspan included	PoE Class 3
In-/output ports	-	-	-
Operating temperature	-60 °C o 60 °C (-76 °F to 140 °F)	-50 °C to 50 °C (-58 °F to 122 °F)	-50 °C to 50 °C (-58 °F to 122 °F)
Approvals	IP66/IP67/IP68	IP66/IP67/IP68	IP67/IP68
WDR	Forensic WDR	Forensic WDR	Forensic WDR
Lightfinder	✓	Lightfinder 2.0	✓
Zipstream/H.264/H.265	✓ / ✓ / -	✓ / ✓ / ✓	✓ / ✓ / -
Certifications	ATEX, IECEX, INMETRO, IA, KCs, PESO, cMETus	ATEX, IECEX, IA, EAC, PESO	ATEX, IECEX, INMETRO
Secure Boot/ Signed video/Secure keystore	- / - / -	✓ / ✓ / ✓	- / - / -
Special features	316L stainless steel Built-in wiper, Defogging Electronic image stabilization	316L stainless steel Orientation aid, Automatic defog, Electronic image stabilization Focus recall, Shock detection	1 IP adress Vertical FoV 90° 316L stainless steel

1. Detection range measured for humans, 1.8 x 0.5 m, calculated with Johnson's criteria
 2. Detection range measured for vehicles, 4 x 1.5 m, calculated with Johnson's criteria

Explosion-protected cameras

	Zone 1/Division 1					Zone 2/Division 2
	 AXIS XFQ1656 	 XF40-Q1785	 ExCam XF Q1785	 ExCam XF P1377	 ExCam XF M3016	 AXIS P1468-XLE
Max. video resolution	2688x1512 (4 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	3072x1728 (5 MP)	2016x1512 or 2304x1296 (3MP)	3840x2160
Sensor size/Lens/ Horizontal field of view	1/1.8", i-CS lens 3.9 - 10 mm, F1.5, 120° - 47°	1/2.8", 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°	1/2.7", 3.9 - 10 mm, F1.5, 75° - 31°	1/3", 2.8 mm, F2.0, 69° (4:3) or 92° (16:9)	1/1.2", 6.2-12.9 mm, F1.6-2.9, 108° - 49°
Min. illumination (lux) Color/B&W	0.05/0.01	0.16/0.03	0.16/0.03	0.15/0.03	0.4/ -	0.07/0.00
Max. frames per second	50/60	25/30	25/30	180	25/30	25/30
Included video analytics (for Axis video analytics, see page 4)	Smoke alert AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Video Motion Detection Active tampering alarm	Smoke Alert AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Live Privacy Shield
Power	PoE Class 6, 100-240 V AC	24 V AC	PoE Class 3 and 24 V DC for additional heater	PoE Class 3 and 24 V DC for additional heater	PoE Class 1	PoE Class 3, DC
In-/output ports	4	0/1	0/0	0/0	0/0	1/1
Operating temperature	With PoE: -40°C to 60°C (-40°F to 140°F) With AC/SFP: -40°C to 55°C (-40°F to 131°F)	-50 °C to 60 °C (-58 °F to 140 °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)	40 °C to 60 °C (-40 °F to 140 °F)
Approvals	IP66/IP67/IP68	IP66/IP67	IP68	IP68	IP68	IP66/IP67/TYPE 4X
WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	WDR	Forensic WDR
Lightfinder	Lightfinder 2.0	✓	✓	✓	-	Lightfinder 2.0
Zipstream/H.264/H.265	✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/✓/✓
Certifications	ATEX, IECEx, cMETus	cULus	ATEX, IECEx, IA, EAC, PESO	ATEX, IECEx, IA, EAC, PESO	ATEX, IECEx, IA, EAC, PESO	ATEX, IECEx, cULus
Secure Boot/ Signed video/Secure keystore	✓/✓/ FIPS 140-2 Level 2	- / - / -	- / - / -	- / - / -	- / - / -	✓/✓/✓
Special features	316L stainless steel Electronic image stabilization Built-in wiper, Defogging Shock detection Scene profiles Axis Edge Vault Edge-to-edge technology	316L stainless steel Electronic image stabilization Built-in wiper Defogging Shock detection	316L stainless steel Electronic image stabilization Built-in wiper Defogging Shock detection	316L stainless steel i-CS lens Remote zoom and focus Electronic image stabilization Shock detection	Stainless steel	IK10, Defogging Shock detection Axis Edge Vault Edge-to-edge technology

Canon network cameras

	VB-S910F	VB-M50B	VB-M46	VB-H47	VB-S32D 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 US and Canada 
Max. video resolution (pixels)	1920x1080 (2.1 MP)	1280x960 (1.3 MP)	1280x960 (1.3 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Horizontal field of view	78.6° - 20.8°	15.6° - 3.2°	62.4° - 3.2°	62.4° - 3.2°	79.0° - 20.9°
Image sensor	Progressive scan CMOS 1/4.85"	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"	Progressive scan CMOS 1/3"
Lens	2.25 - 7.88 mm F1.4 - F2.6 Autofocus 3.5x optical, 4x digital zoom	17.7 - 88.5 mm F1.8 - F2.4 Autofocus 5x optical, 20x digital zoom	4.7 - 94 mm F1.6 - F3.5 Autofocus 20x optical, 16x digital zoom	4.7 - 94 mm F1.6 - F3.5 Autofocus 20x optical, 16x digital zoom	2.24 - 7.88 mm F1.4 - F2.6 4x digital zoom
Day and night	✓	✓	✓	✓	✓
Min. illumination (lux)	0.95 (Color) 0.5 (B/W)	0.04 (Color) 0.002 (B/W)	0.02 (Color) 0.003 (B/W)	0.02 (Color) 0.003 (B/W)	0.15 (Color) 0.10 (B/W)
Frames per second	30	30	30	30	30
Pan/Tilt/Zoom	Digital PTZ	64 presets 348° pan 105° (-90° to +15°) tilt	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
Audio support	Two-way (with built-in microphone)	Two-way	Two-way	Two-way	✓
Alarm in-/outputs	1/1	2/2	2/2	2/2	1/1
Analytics	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, Face Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection, Intrusion Detection Volume Detection, Face Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection, Face Detection
Power	PoE IEEE 802.3af	AC/DC PoE IEEE 802.3at Type1	AC/DC PoE IEEE 802.3at Type1	AC/DC PoE IEEE 802.3at Type1	PoE IEEE 802.3at Type1
Outdoor ready	-	-	-	-	-
H.264/H.265	✓ / -	✓ / -	✓ / ✓	✓ / ✓	✓ / ✓
Other	Motion Adaptive Noise Reduction Area-Specific Data Size Reduction (ADSR) ONVIF Profile S	Large aperture telephoto lens Clear IR Mode Motion-Adaptive Noise Reduction, Area-Specific Data Size Reduction (ADSR) ONVIF Profile S & G	Motion Adaptive Noise Reduction Area-specific Data Size Reduction (ADSR) ONVIF Profile S & G & T	Motion Adaptive Noise Reduction Area-specific Data Size Reduction (ADSR) ONVIF Profile S & G & T	Motion Adaptive Noise Reduction Area-specific Data Size Reduction (ADSR) ONVIF Profile S & G & T

Video management software

AXIS Companion Professional video surveillance made simple.



With AXIS Companion, you can monitor your whole premises onsite, and even on-the-go using a mobile app with alert notifications. A tight integration of network cameras, audio, door stations and intercoms ensure you will get the most out of your surveillance system. Flexible options provide a reliable solution that's ready to scale for your business need.

www.axis.com/products/axis-companion

AXIS Camera Station Protect your premises, improve your business.

AXIS Camera Station is a video and access control management software for surveillance and security. 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	5.50 when used together with AXIS S3008 Recorder, otherwise 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, dewarp	Flexible live view configuration, support for prerecorded videos, Axis corridor format, camera sequence, digital PTZ, dewarp, door view, 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 network door station calls, half duplex for other Axis devices, 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 AXIS Video Motion Detection, AXIS Guard Suite, AXIS Object Analytics, I/O	Various triggers including motion detection, active tampering alarm, system event and error, input/output, action button, AXIS Entry Manager event, external HTTPS and device event including AXIS Guard Suite, AXIS Perimeter Defender, Axis and third-party applications
Event action	Record, push notification to mobile devices.	Record, visual notification, push notification to mobile devices, 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, MP4 or MKV, 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 and video scrubbing	Search for recordings based on camera, date and timeline visualization, smart search, video scrubbing, bookmarks, locking of prioritized recordings Up to 64x or frame by frame Up to 36 cameras synchronized playback
AXIS Camera Station Secure Entry		
Access control	-	Configuration: Cardholder with photo, support for Card, PIN and Dures PIN, QR code, license plate, cardholder groups, schedule door unlock, copy door configuration, card formats, identification method Management: Qualified for 10.000 cardholders, multi-server, access rules, zones, schedules, access verification, remote door control, access control event log with video

* Except for AXIS Camera station specific recorders, AXIS S12 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

Video recorders

	AXIS S30	AXIS S22 Series				AXIS S21
	AXIS S3008 	AXIS S2224 	AXIS S2216 	AXIS S2212 	AXIS S2208 	AXIS S2108 
Licenses	0 included	24 included	16 included	12 included	8 included	8 included
Supported RAID levels Default RAID level	-	0, 1, 10 (No RAID by default)	0, 1, 10 (No RAID by default)	Not supported	Not supported	Not supported
Recording storage	2 / 4 / 8 TB	12 TB (2x6 TB)	8 TB (2x4 TB)	6 TB (1x6 TB)	4 TB (1x4 TB)	2 TB (1x2 TB)
Operating system	AXIS OS	Microsoft® Windows® 10 IoT Enterprise LTSC				
Validated video streams	-	Live View: 1 stream x 4K at 30 FPS 4 split x 1080p at 15 FPS 9 split x 720p at 15 FPS 24 split x 360p at 5 FPS Any of the above for max one 4K monitor Playback: Any of the above on one monitor	Live View: 1 stream x 4K at 30 FPS 4 split x 1080p at 15 FPS 9 split x 720p at 15 FPS 16 split x 360p at 5 FPS Any of the above for max one 4K monitor Playback: Any of the above on one monitor	Live View: 1 stream x 4K at 30 FPS 4 split x 1080p at 15 FPS 9 split x 720p at 15 FPS 12 split x 360p at 5 FPS Any of the above for max one 4K monitor Playback: Any of the above on one monitor	Live View: 1 stream x 4K at 30 FPS 4 split x 1080p at 15 FPS 8 split x 720p at 15 FPS 8 split x 360p at 5 FPS Any of the above for max one 4K monitor Playback: Any of the above on one monitor	Live view: 1 stream x 1080p at 30 FPS 4 split x 1080p at 30 FPS 9 split x 720p at 15 FPS Playback: Supports the same split scenarios as for live view
Validated recording bitrate and doors	Up to 8 video channels 160 Mbit/s	Up to 24 video channels and 48 doors 384 Mbit/s	Up to 16 video channels and 32 doors 384 Mbit/s	Up to 12 video channels and 24 doors 192 Mbit/s	Up to 8 video channels and 16 doors 192 Mbit/s	Up to 8 video channels and 16 doors 128 Mbit/s
Redundant power supply	-	-	-	-	-	-
Network connectors	Rear side: 8x PoE ports 100 Mbps 1x uplink 1 Gbps	Rear side Switch: 24x PoE ports 100 Mbps Uplinks: 1x SFP 1 Gbps 1x RJ45 1 Gbps Rear side Server: 1x RJ45 1 Gbps	Rear side Switch: 16x PoE ports 100 Mbps Uplinks: 1x SFP 1 Gbps 1x RJ45 1 Gbps Rear side Server: 1x RJ45 1 Gbps	Rear side Switch: 12x PoE ports 100 Mbps Uplinks: 1x SFP 1 Gbps 1x RJ45 1 Gbps Rear side Server: 1x RJ45 1 Gbps	Rear side Switch: 8x PoE ports 100 Mbps Uplinks: 1x SFP 1 Gbps 1x RJ45 1 Gbps Rear side Server: 1x RJ45 1 Gbps	Rear side Switch: 8x PoE ports 100 Mbps Uplinks: 1x RJ45 1Gbps Rear side Server: 1x RJ45 1Gbps
Other connectors	Side: 1x USB 3.0	Front side: 1x USB 3.0 1x Audio line in 1x Audio line out Rear side Server: 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 Server: 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 Server: 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 Server: 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 Server: 2x USB 2.0 1x HDMI port
Supported monitors	0	Live view: 2	Live view: 2	Live view: 2	Live view: 2	Live view: 1
Mounting accessories	AXIS TS3001 Recorder Mount (not included). AXIS TW8100 Rack Mount (not included)	Rack rails	Rack rails	AXIS TS2901 Appliance Stand (not included)	AXIS TS2901 Appliance Stand (not included)	AXIS TW8100 Rack Mount (not included)






Video recorders

	AXIS S12 Series					AXIS S11
	AXIS S1296 Rack	AXIS S1264 Rack	AXIS S1232 Rack	AXIS S1232 Tower	AXIS S1216 Tower	AXIS S1116 Rack
						
Licenses	96 included	64 included	32 included	32 included	16 included	16 included
Supported RAID levels Default RAID level	0, 1, 5, 6, 10 Default: 6	0, 1, 5, 6, 10 Default: 24 TB: 5, 64 TB: 5 144 TB: 6	0, 1, 5, 6, 10 Default: 5	0, 1, 5, 6, 10 Default: 5	0, 1 (No RAID by default)	0, 1 (No RAID by default)
Recording storage	96 TB: 12x8 TB (80 TB after RAID) 192 TB: 12x16 TB (160 TB after RAID)	24 TB: 6x4 TB (20 TB after RAID) 64 TB: 8x8 TB (56 TB after RAID) 144 TB: 12x12 TB (120 TB after RAID)	16 TB: 4x4 TB (12 TB after RAID) 32 TB: 4x8 TB (24 TB after RAID)	4x8 TB (24 TB after RAID)	8 TB (1x8 TB)	8 TB (1x8 TB)
Operating system	Microsoft® Windows® 10 IoT Enterprise LTSC					Microsoft® Windows® 10 IoT Enterprise
Validated video streams	Not intended for local viewing of video. Recommended to use Axis workstations.	Not intended for local viewing of video. Recommended to use Axis workstations.	Not intended for local viewing of video. Recommended to use Axis workstations.	Live view: 1 stream x 4K at 30 fps 4 split x 1080p at 30 fps 9 split x 720p at 15 fps Up to 16 split x 360p at 15 fps Any combination of the above for maximum two 4K monitors	Live view: 1 stream x 4K at 30 fps 4 split x 1080p at 30 fps 9 split x 720p at 30 fps Up to 16 split x 360p at 15 fps Any combination of the above for max two 4K monitors where only one monitor at 30 fps.	Not intended for local viewing of video. Recommended to use Axis workstations.
Validated recording bitrate and doors	Qualified for 192 doors and 150 video channels with a total recording bitrate up to 1.5 Gbit/s	Qualified for 192 doors and 96 video channels with a total recording bitrate up to 850 Mbit/s	Qualified for 128 doors and 64 video channels with a total recording bitrate up to 500 Mbit/s	Qualified for 128 doors and 64 video channels with a total recording bitrate up to 500 Mbit/s	Qualified for 64 doors and 32 video channels with a total recording bitrate up to 256 Mbit/s	Up to 32 video channels and 64 doors 256 Mbit/s
Redundant power supply	✓	✓	✓	✓	-	-
Network connectors	2x RJ45 1 Gbps (Management port) 2x RJ45 10 Gbps	2x RJ45 1 Gbps	2x RJ45 1 Gbps	2x RJ45 1 Gbps	2x RJ45 1 Gbps	Rear side: 1x RJ45 1 Gbps 1x RJ45 10 Gbps
Other connectors	Front side: 1x USB 2.0 1x VGA 1x iDRAC direct port Rear side: 1x USB 2.0 1x USB 3.0 1x VGA 1x iDRAC dedicated Ethernet port	Front side: 1x USB 2.0 1x VGA 1x iDRAC direct port Rear side: 1x USB 2.0 1x USB 3.0 1x VGA 1x iDRAC dedicated Ethernet port	Front side: 1x USB 2.0 1x iDRAC direct port Rear side: 1x USB 2.0 1x USB 3.2 1x VGA 1x Serial port 1x iDRAC dedicated Ethernet port	Front side: 1x USB 2.0 1x iDRAC direct port Rear side: 5x USB 2.0 1x USB 3.0 1x VGA (Do not use) 1x Serial port 1x iDRAC dedicated Ethernet port 3x Mini DisplayPort™ (max two monitors recommended)	Rear side: 4x USB 3.2 2x USB 2.0 3x Display port 1.4a 1x UAJ (Universal audio jack) 1x Header for remote power button Front side: 1x USB 3.2, 2x USB 2.0 1x USB-C port 1x UAJ (Universal audio jack)	Front side: 2x USB 3.1 1x USB 3.1 Type-C 1x UAJ (Universal audio jack) 1x SD card reader Rear side: 2x USB 3.1 Type-C /DisplayPort™ 1x Serial port
Supported monitors	Complete with workstation	Complete with workstation	Complete with workstation	Live view: 2	Live view: 2	Complete with workstation
Mounting accessories	Rack rails	Rack rails	Rack rails	-	-	Rack rails

Video recorders








	Workstations	
	AXIS S9301	AXIS S9302
Included software	AXIS Camera Station client	AXIS Camera Station client
Operating system	Microsoft® Windows® 10 IoT Enterprise LTSC	
Live video streams	<p>Live view: 1 stream x 4K at 30 fps 4 split x 1080p at 30 fps 9 split x 720p at 30 fps 16 split x 360p at 15 fps 25 split x 360p at 15 fps 36 split x 360p at 15 fps</p> <p>Any combination of the above for maximum two 4K monitors where only one monitor can show streams at 30 fps. Playback: Supports the same split scenarios as for live view.</p>	<p>Live view: 1 stream x 4K at 30 fps 4 split x 1080p at 30 fps 9 split x 720p at 30 fps 16 split x 360p at 15 fps 25 split x 360p at 15 fps 36 split x 360p at 15 fps</p> <p>Any combination of the above for maximum four 4K monitors. Playback: Supports the same split scenarios as for live view.</p>
Power	Max 90 W, 100–240 V AC, 1.5 A, 50/60 Hz 19,5 V DC, 4,62 A External AC/DC adapter	300 W 80+ Platinum (100–240 V AC, 4.2 A, 50/60 Hz)
Connectors	<p>Rear side: 4x USB 3.2 2x Display port 1.4a 1x RJ45 1 Gbps</p> <p>Front side: 1x USB 3.2 1x USB-C port 1x UAJ (Universal audio jack) 1x Audio line/out</p>	<p>Rear side: 4x USB 3.2 2x USB 2.0 3x Mini Display port 1.4a 1x Display port 1.4a 1x UAJ (Universal audio jack)</p> <p>1x Header for remote power button 1x RJ45 1 Gbps</p> <p>Front side: 1x USB 3.2 2x USB 2.0 1x USB-C port 1x UAJ (Universal audio jack)</p>
Supported monitors	2	4
Included services	Onsite hardware replacement service	Onsite hardware replacement service
Other	Can complement AXIS S12 Recorder Series	Can complement AXIS S12 Recorder Series

System devices





	<p>People counters</p> <p>People counting for operational efficiency</p>	AXIS P8815-2 3D People Counter
	<p>I/O devices</p> <p>Enhanced security with wired sensors for both indoor and outdoor</p>	<p>NEW! AXIS T6112 Mk II Audio I/O Interface NEW! AXIS T6101 Mk II Audio I/O Interface AXIS T834 Wireless I/O Series AXIS A9161 Network I/O Relay Module AXIS A9188 Network I/O Relay Module AXIS D3110 Connectivity Hub</p>
	<p>Decoders</p> <p>Make it possible to display multiple camera video streams to a public view monitor</p>	<p>NEW! AXIS D1110 Video Decoder 4K AXIS T8705 Video Decoder</p>
	<p>Radars</p> <p>Radar technology for wide-area detection and traffic monitoring regardless of visibility</p>	<p>AXIS D2110-VE Security Radar AXIS Q1656-DLE Radar-Video Fusion Camera (see page 7 for more information)</p>
	<p>Audio/Visual alerters</p> <p>Signal and alarm with the power of light and sound</p>	AXIS D4100-E Network Strobe Siren







System devices

Network switches

	AXIS T8524	AXIS T8516	AXIS T8508	AXIS T8504-E	AXIS T8504-R	AXIS D8208-R	AXIS D8004
							
Power over Ethernet+ (PoE+) Port Count	24	16	8	4 (2x PoE++)	4 (4x PoE++)	8 (8x PoE++)	4
Power over Ethernet (PoE) total output power	370 W	240 W	130 W	150 W	240 W	480 W	60 W
SPF enabler	✓	✓	✓	✓	✓	✓	✓
Gigabit Ethernet	✓	✓	✓	✓	✓	✓	-
Rack mount	✓	✓	With AXIS T85 Rack Mount Kit A	-	-	-	-
Outdoor ready	-	-	-	✓	-	-	-




Video encoders

	AXIS P73 Series		AXIS M71 Series	
	AXIS P7316	AXIS P7304	AXIS M7116	AXIS M7104
				
Max. video resolution	720x480 (NTSC) 720x576 (PAL) TVI, high definition CVI and high definition analog HD (1280x720 and 1920x1080) 4xone channel 4K 13840x2160	720x480 (NTSC) 720x576 (PAL) TVI, high definition CVI and high definition analog HD (1280x720 and 1920x1080) 4xone channel 4K 13840x2160	720x480 (NTSC) 720x576 (PAL)	720x480 (NTSC) 720x576 (PAL)
Max. frames per second	25/30	25/30	25/30	25/30
Video source (BNC composite inputs)	16	4	16	4
Audio support	✓	✓	-	-
Configurable in-/outputs	4	4	-	-
Product specific analytics	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	AXIS Video Motion Detection Active tampering alarm AXIS Camera Application Platform	AXIS Video Motion Detection Active tampering alarm AXIS Camera Application Platform
Pan/tilt/zoom support	✓	✓	✓	✓
Power	Power supply included	PoE, DC	AXIS PS-P power supply (included)	PoE, DC
Serial connectors	RS422/RS485	RS422/RS485	RS422/RS485	RS422/RS485
Type	Standalone, Rackmount	Standalone	Standalone, Rackmount	Standalone
Special features	Zipstream HD Analog support up to 4K	Zipstream HD Analog support up to 4K	Zipstream	Zipstream

	Network door controllers					
	 AXIS A1610-B	 AXIS A1610	 AXIS A1601	 AXIS A1214 Network Door Controller Kit	 AXIS A1210	 AXIS A1210-B
Number of doors	Two doors	Two doors	Up to two doors	Four doors	One door	One door
Application * outdoor rated enclosure required	Ready out of box - indoor & outdoor ready*	Ready out of box - indoor & outdoor ready*	Ready out of box - indoor & outdoor ready*	Complete four doors kit with enclosure - all in one	Compact design - install it anywhere	Compact design - install it anywhere
Typical installation	Wall mount, DIN rail, custom enclosure	Wall mount, DIN rail	Wall mount, DIN rail	Wall mount	Wall mount, DIN rail	DIN rail, custom enclosure
Number of credentials per controller	250 000	250 000	70 000	250 000	250 000	250 000
Number of event history per controller	250 000	250 000	100 000	250 000	250 000	250 000
Secure element	Axis Edge Vault with secure key store	Axis Edge Vault with secure key store	NA	Axis Edge Vault with secure key store	Axis Edge Vault with secure key store	Axis Edge Vault with secure key store
Identification type	Card, PIN, QR code, license plate	Card, PIN, QR code, license plate	Card, PIN, QR code, license plate	Card, PIN, QR code, license plate	Card, PIN, QR code, license plate	Card, PIN, QR code, license plate
Readers	4x OSDP or 2x Wiegand	4x OSDP or 2x Wiegand	2x OSDP or 2x Wiegand	8x OSDP or 4x Wiegand	2x OSDP or 1x Wiegand	2x OSDP or 1x Wiegand
Relays	2x Form C relay Dry or Wet (12V DC/24V DC)	2x Form C relay Dry or Wet (12V DC/24V DC)	2x Form C relay Dry or wet (12V DC/24V DC)	4x Form C relay Dry or wet (12V DC/24V DC)	1x Form C relay Dry or wet (12V DC/24V DC)	1x Form C relay Dry or wet (12V DC/24V DC)
Additional I/Os	6x configurable I/Os	6x configurable I/Os	6x configurable I/Os	8x configurable I/Os	2x configurable I/Os	2x configurable I/Os
Power supply	PoE Class 4, DC (10V-28V DC)	PoE Class 4, DC (10V-28V DC)	PoE Class 4, DC (10V-28V DC)	PoE+ or DC (12V DC)	PoE Class 4, DC (12V DC)	PoE Class 4, DC (12V DC)
Power buget per controller	PoE: 1,300mA@12V DC DC: 2,100mA@12V DC	PoE: 1,300mA@12V DC DC: 2,100mA@12V DC	PoE: 1,400mA@12V DC DC: 2,100mA@12V DC	PoE+: 1,400mA@12V DC DC: 2,100mA@12V DC	PoE: 1,400mA@12V DC DC: 2,100mA@12V DC	PoE: 1,400mA@12V DC DC: 2,100mA@12V DC
Operating conditions	-40 °C to 70 °C (-40 °F to 158 °F)	-40 °C to 70 °C (-40 °F to 158 °F)	-40 °C to 70 °C (-40 °F to 158 °F)	0 °C to 70 °C (32 °F to 158 °F)	0 °C to 70 °C (32 °F to 158 °F)	0 °C to 70 °C (32 °F to 158 °F)
Plenum rated	-	✓	✓	-	✓	-
Dimensions	175 x 175 x 50 mm (6.9 x 6.9 x 2.0 in)	175 x 175 x 60 mm (6.9 x 6.9 x 2.4 in)	175 x 175 x 60 mm (6.9 x 6.9x 2.4 in)	361 x 229 x 282 mm (14.2 x 9 x 11.1 in)	144 x 122 x 50 mm (5.7 x 4.8 x 2.0 in)	134 x 95 x 45 mm (5.3 x 3.7 x 1.8 in)

Access control



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	✓	✓	✓



Credentials

	AXIS TA4701 Access Card	AXIS TA4702 Key Fob	AXIS Mobile Credential
			
RFID technology	MIFARE® DESFire® EV1, EV2	MIFARE® DESFire® EV1, EV2	QR-code based application ensures secure, efficient, and reliable access control. Ideal for today's mobile-enabled society, it supports both static and dynamic QR codes as credentials.
RFID frequency	13.56 MHz	13.56 MHz	
Memory	2 kB	2 kB	
Approvals	IP68	IP67, IK09	
Material	100% recycled PET-G	Plastic and stainless steel	

Applications

AXIS Barcode Reader	AXIS Door Controller Extension
	
ACAP solution for reading QR code credentials. For installation on select Axis network cameras and intercoms.	AXIS Door Controller Extension is a pre-installed application on Axis network door controllers, that enables wireless lock integration, up to 16x doors per door controller.
For more information, see link to web on page 4, Analytics.	

Readers

	AXIS A4120-E	AXIS A4020-E
		
Keypad	✓	-
LED symbols	✓	LED Strip
RS485(OSDP)	✓	✓
Secure channel support	✓	✓
Power	12V	12V
Approvals	IP66, IK07	IP65, IK07
UL 294	✓	✓

Network intercoms

Network intercoms

	AXIS A8207-VE Mk II	AXIS I8116-E	AXIS I8016-LVE	2N® IP PHONE D7A
				
Max. video resolution	3072x2048 (6.3 MP)	1920x1080 (5 MP)	2592x1944	-
Horizontal field of view	180°	162°	140°	-
Dimensions (H x D x W)	248 x 106 x 51 mm (9 3/4 x 4 3/16 x 2 in)	148.1 x 41.4 x 48 mm (5.83 x 1.63 x 1.5 in)	124 x 124 mm (4.9 in X 4.9 in)	259.4mm x 220mm x 215mm
Max. frames per second	25/30	30/25	30/25	-
Min. illumination (lux) Color/B&W	0.55/-	0.15/0.00	0.16/0.00	-
Audio support	✓	✓	✓	✓
Built-in mic	✓	✓	✓	✓
Built-in speaker	✓	✓	✓	✓
Ports	2x Relay output, 4x I/O, Line in/out	1x Relay output, 2x I/O	1x Relay output, 2x I/O, Line-in/out	-
Reader	RFID Reader (with HID® iClass® support)	-	-	-
Reader protocol	Wiegand, RS485 (OSDP), VAPIX® Reader Interface	OSDP	-	-
Included analytics	AXIS Guard Suite Audio detection Shock detection AXIS Video Motion Detection	AXIS Object Analytics	Audio detection Shock detection AXIS Video Motion Detection	-
Power	DC, PoE Class 3, PoE Class 4	PoE Class 3, 12 V DC	PoE Class 3	PoE Class 3, DC 5V/2A
Operating temperature	-40 °C to 55 °C (-40 °F to 131 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-
Approvals	IP66/NEMA 4X	IP65/NEMA 4X/IK08	IP66/IP69 (when using wall mount), NEMA 4X	-
WDR	Forensic WDR	Forensic WDR	Forensic WDR	-
Zipstream	✓	✓	✓	-
SIP (VoIP)	✓	✓	✓	✓
Secure Boot/ Signed video/ Secure keystore	✓ / - / -	✓ / ✓ / ✓	✓ / - / ✓	- / - / -
Special features	ACAP, IK08, T-coil, Pictograms, Keypad, HDMI, UL294	OSDP port, Built in tamper switch Deep learning	ACAP, Pictograms, Suitable with US 2-gang box, IK10, Anti-ligature	-

	Audio system devices		Audio management software					
	AXIS C8110 Network Audio Bridge	AXIS C8210 Network Audio Amplifier	AXIS Audio Manager Edge	AXIS Audio Manager Pro	AXIS Audio Manager Pro C7050 MkIII	AXIS Audio Manager Center		
Built-in amplifier	-	✓	Please note; AXIS Audio Manager Edge is built-in on Axis network speakers and audio system devices. AXIS Audio Manager Pro is the standalone software while AXIS Audio Manager Pro C7050 MkIII also includes PC hardware.			Standard version (unlicensed)	Premium version (licensed)	
Audio input	Line level 3-pole 3.5 mm jack	Mic in 3-pole 3.5 mm jack	Number of speakers	200	5000	Size		
Audio output	Line level RCA R+L	Speaker out 2-pole 5.08 mm	Number of zones	20	100	Thousand of sites	✓	✓
Voice announcements	✓	✓	Scheduling	Weekly	Advanced	User management and access control		
Onboard audio clips	✓	✓	Content management	✓	✓	MyAxis users	✓	✓
Background music	✓	✓	Licences included	Free	Licensed	Role based access control	✓	✓
Configurable I/O:s	2	2	Hardware	-	Minimum requirement on PC hardware as AXIS C7050 MkII or better	Remote access	Remote access to all sites in the system	
Power	PoE, DC	PoE+	Storage	-	128 GB required	Health monitoring	✓	✓
Memory card slot	✓	✓	Operating system	-	Supported OS: Microsoft Windows 10, Windows Server 2016, Windows Server 2019	Devices and site connections	✓	✓
IP rating	IP20	IP20	Virtual Machine support	-	VMWare ESXi, Microsoft Hyper-V, Microsoft Windows Datacenter With configuration and resources allocated similar to the minimum hardware requirements	Email notifications	✓	✓
Secure boot/ Secure keystore	✓ / ✓	- / -				Content management and scheduling		
Special features	AXIS Audio Manager Edge included, VAPIX, ACAP, SIP	AXIS Audio Manager Edge included, VAPIX, ACAP, SIP				Individual site-by-site schedulings (provided by AXIS Audio Manager Edge)	✓	✓
						Multi-site music scheduling	-	✓
						Multi-site announcement scheduling	-	✓
						Multi-site advertisement scheduling	-	✓

NEW





Axis body worn camera solution

The Axis body worn camera solution includes a lightweight and robust camera, docking stations (8-bay or 1-bay), a system controller, a video management system (VMS) or an evidence management system (EMS). However, open standards make the hardware system easy to integrate with any VMS or EMS, including users' existing systems. So it is flexible and highly scalable. The fact that the docking station and system controller are separate units further increases scalability. All data is encrypted both at rest and in transfer using AES256 and TLS. In addition, video data can be fully end-to-end encrypted with specific integrations. And signed video allows video recordings to be traced back to the Axis camera from where it originated, so it's possible to verify that the footage hasn't been tampered with after it left the camera.

- > Easy integration with any VMS, EMS
- > Scalable and cost effective
- > Fast reliable video and data offloading
- > Meets FBI cybersecurity standards

Body worn cameras	
AXIS W101 Body Worn Camera	
Max. video resolution	1920x1080
Image sensor size and sensitivity/Lens/Horizontal field of view	1/2.9", 0.1 lux, 2.1 mm, F2.1, 1, 41°
Day and night	-
Max. frames per second	30
Audio support/Built-in mic	- / 2
Battery	3600mAh
Operating temperature	-20 °C to 55 °C (-4 °F to 131 °F)
Approvals	IP67
Lightfinder	-
Zipstream for body worn/H.264/H.265	√ / √ / -
OptimizedIR/Built-in IR	-
Recording time	Typical 12h operating time, Up to 17h operating time, Up to 30h storage time
Storage size/Encryption	64GB AES256
Positioning system	GPS, Galileo, GLONASS
Sensors	6-axis gyro and accelerometer
Wireless	IEEE 802.11 b/g/n BLE 4.1
Special features	Axis Edge Vault Signed video

Body worn sensors		
	AXIS TW1200 Body Worn Mini Bullet Sensor	AXIS TW1201 Body Worn Mini Cube Sensor
Max. video resolution	1920x1080	1920x1080
Image sensor size and sensitivity/Lens/Horizontal field of view	1/2.9", 0.1 lux, 2.1 mm, F2.1, 141°	1/2.9", 0.1 lux, 2.1 mm, F2.1, 141°
Day and night	-	-
Max. frames per second	30	30
Audio support/Built-in mic	- / -	- / -
Operating temperature	-20 °C to 55 °C (-4 °F to 131 °F)	-20 °C to 55 °C (-4 °F to 131 °F)
Approvals	IP67	IP54
Lightfinder	-	-
Zipstream for body worn/H.264/H.265	√ / √ / -	√ / √ / -
OptimizedIR/Built-in IR	-	-
	Body worn system controller	Body worn streaming
	AXIS W800 System Controller	AXIS Body Worn Live
		
Storage size/Encryption	480 GB AES256	AXIS Body Worn Live streams live video, audio, and metadata from Axis body worn cameras. Secure and reliable, it supports a sense of safety for camera wearers and informed decision making by operators.
Power	Max 16W 12 V DC	
Connectors	Uplink: RJ45 10/100/1000 Mbps Device network: 5x RJ45 10/100/1000 Mbps USB 2.0	
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)	

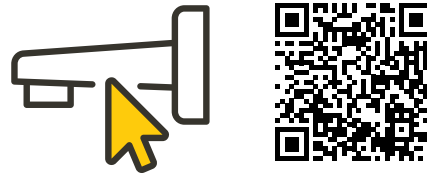
Everything you need to complete your systems

We offer a complete range of high-quality accessories to complement your network video, audio, access control, and intercom systems.

Accessory selector

Go to the Accessory selector to find the right accessories for your Axis products.

[Accessory Selector](#)



Mounts

All you need to complete your installation.



Power and connectivity

All you need to power your system and connect its components.



Joysticks and keypads

Modular control board for professional camera and video management.



Audio

Audio accessories for your system.



Storage

Reliable storage on hard drives or SD cards.



Illuminators

White and infra-red led illuminators.



Housings and cabinets

Protective housing and enclosures for cameras and accessories.



Lenses

Optional lenses to meet special requirements.



Tools and extras

Tools and accessories to manage, maintain and wash your Axis product.



Wearables accessories

Accessories for body worn cameras.



Canon accessories





These accessories are designed to fit with Canon cameras and enable the cameras to be mounted in various indoor and outdoor situations.











About 2N






2N is a leading global manufacturer of IP intercoms with production based in the Czech Republic. The Company offers solutions including IP intercoms and access control. 2N products comply with the most stringent international standards and integrate with most third-party systems. Axis Communications distributes and supports 2N products and solutions in the Americas and Asia Pacific (excluding Japan). Choose from our wide range of open-platform IP-based products for video surveillance, analytics, access control, intercoms and audio systems.

	IP & LTE & Video intercoms			
	2N® IP Style* More versions on the product page	2N® IP Verso More versions on the product page	2N® IP Verso 2.0 More versions on the product page	2N® LTE Verso More versions on the product page
			 NEW	
Integrated camera available/ Integrated electric switch	✓/✓	✓/✓	✓/✓	✓/✓
Numerical keypad available	✓	✓	✓	✓
Max frames per second	30	30	30	30
IR Illumination / WDR support	✓/✓	✓/ -	✓/✓	✓/ -
Camera resolution (video, in-call)	2560x1920 px (QHD)	640 x 480 px (VGA)	1920 x 1080 px (Full HD)	640 x 480 px (VGA)
Camera resolution (JPEG)	2560x1920 px (QHD)	1280 x 960 px (HD)	1920 x 1080 px (Full HD)	1280 x 960 px (HD)
Max viewing angle	144° (H), 126° (V)	128° (H), 95° (V)	144° (H), 126° (V)	138° (H), 105° (V)
Internal RFID card reader available	✓	✓	✓	✓
Biometrics available/Bluetooth available	- / ✓	✓/✓	✓/✓	✓/✓
QR code access	✓	-	✓	-
Audio support/ Built-in mic/Built-in speaker	✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/✓/✓
Display	✓	optional	optional	optional
Tamper alarm output / Tamper alarm event in automation API	✓/✓	✓/✓	✓/✓	✓/✓
Suitable for outdoor use	✓	✓	✓	✓
Operating temperature	-22°F to +140 °F	-40°F to + 140°F	-40°F to + 140°F	-40°F to + 140°F
IP/IK coverage	IP65, IK08	IP54/IK8 (touch display IK7)	IP54/IK8 (touch display IK7)	IP54/IK8 (touch display IK7)
Number of users	10 000	10 000	10 000	10 000
Security Relay support	✓	✓	✓	✓
Dimensions WxHxD inch (incl.frame)	6.693 x 13.976 x 1.575	4.213 x 9.213 x 1.102 (2 modules)	4.213 x 9.213 x 1.102 (2 modules)	4.213 x 9.213 x 1.102 (2 modules)
Power supply POE 802.3af Power supply 12V DC	802.3at (POE+) / ✓	✓ / ✓	✓ / ✓	- / ✓
LTE connectivity	-	-	-	✓
Ports	1x Active OUT, 1x Relay output, 3x IN, Line-out	1x Active OUT, 1x Relay output, 1x IN, Line-out	1x Active OUT, 1x Relay output, 1x IN, Line-out	1x Active OUT, 1x Relay output, 1x IN, Line-out
Reader	Bluetooth, QR, RFID (with HID® iCLASS® support)	Bluetooth, Fingerprint RFID (with HID® iCLASS® support)	Bluetooth, QR, Fingerprint, RFID (with HID® iCLASS® support)	Bluetooth, Fingerprint RFID (with HID® iCLASS® support)
Reader protocol	Wiegand, OSDP	Wiegand, OSDP	Wiegand, OSDP	Wiegand, OSDP
Included analytics	Motion detection, noise detection	Motion detection, noise detection	Motion detection, noise detection	Motion detection, noise detection
SIP/VoIP	✓	✓	✓	✓

2N - An Axis company

	IP & LTE & Video intercoms			
	2N® IP Solo More versions on the product page 	2N® IP Force More versions on the product page 	2N® IP Safety More versions on the product page 	2N® IP Base More versions on the product page 
Integrated camera available/ Integrated electric switch	✓/✓	✓/✓	- / ✓	✓/✓
Numerical keypad available	-	✓	-	-
Max frames per second	30	30	-	30
IR Illumination / WDR support	✓ / -	✓ / -	- / -	- / -
Camera resolution (video, in-call)	640 x 480 px (VGA)	640 x 480 px (VGA)	-	640 x 480 px (VGA)
Camera resolution (JPEG)	1280 x 960 px (HD)	1280 x 960 px (HD)	-	1280 x 960 px (HD)
Max viewing angle	128° (H), 95° (V)	135° (H), 109° (V)	-	135° (H), 109° (V)
Internal RFID card reader available	-	✓	-	✓
Biometrics available/Bluetooth available	- / -	- / -	- / -	- / -
QR code access	-	-	-	-
Audio support/Built-in mic/ Built-in speaker	✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/✓/✓
Display	-	-	-	-
Tamper alarm output/ Tamper alarm event in automation API	✓/✓	✓/✓	✓/✓	✓/✓
Suitable for outdoor use	✓	✓	✓	✓
Operating temperature	-40°F to + 140°F	-40 °F to 131 °F	-40 °F to 131 °F	-40 °F to 131 °F
IP/IK coverage	IP54/IK8	IP69K/IK10	IP69K/IK10	IP65/IK7
Number of users	10 000	10 000	10 000	10 000
Security Relay support	✓	✓	✓	✓
Dimensions WxHxD inch (including frame)	4.21 x 5.12 x 1.10	8.543 x 4.291 x 3.268	8.543 x 4.291 x 3.268	9.016 x 4.291 x 1.22
Power supply POE 802.3af/ Power supply 12V DC	✓/✓	✓/✓	✓/✓	✓/✓
LTE connectivity	-	-	-	-
Ports	1x Active OUT, 1x Relay output, 1x IN, Line-out	1x Active OUT, 1x Relay output, up to 2x IN, Line-out	1x Active OUT, 1x Relay output, up to 1x IN, Line-out	1x Active OUT, 1x Relay output, 1x IN
Reader	-	RFID (with HID® iCLASS® support)	-	RFID
Reader protocol	-	Wiegand	-	-
Included analytics	Motion detection, noise detection	Motion detection, noise detection	Noice detection	Motion detection, noise detection
SIP/VoIP	✓	✓	✓	✓

Access control readers		
	2N® Access Unit M For versions please visit the product page	2N® Access Unit 2.0 For versions please visit the product page
		
Colour	black	black, silver
RFID reader (optional)	✓	✓
Bluetooth reader (optional)	✓	✓
Touch keypad (optional)	✓	✓
Finger-print reader (optional)	-	✓
Surface-mount	yes (wall, door frame)	yes (wall, glass)
Flush-mount	-	✓
Number of outputs	2	2
Active switch output	✓	✓
Passive output	✓	✓
Supports HID SEOS cards	-	✓
Add-on modules	-	✓
Number of components to install	1 (all-in-one)	2-3 (main unit, frame, box)
Tamper switch	✓	✓
Suitable for outdoor use	✓	✓
IP protection	IP55	IP54
IK durability	IK07	IK08
Support for security relay	✓	✓
Dimensions W x H x D (inch)	5.11 x 1.96 x 1.06	5.11 x 4.21 x 1.10 (on surface)
PoE power supply	✓	✓
12 V DC power supply	✓	✓

2N Indoor stations					
	2N® Indoor Touch 2.0 	2N® Indoor View 	2N® Indoor Compact 	2N® IP Clip  NEW	2N® Indoor Talk 
Recommended use	luxury MDU; smart home; offices	high-end MDU; offices	mid-range MDU; offices	mid-range MDU	secondary unit, offices
Display	7"	7"	4.3"	4.3"	-
Display resolution (pixels)	1024 x 600	1024 x 600	480 x 272	480 x 272	-
Unit control	capacitive touch display	capacitive touch display	capacitive buttons	3 capacitive buttons	capacitive buttons
Operating system	Android	2N OS	2N OS	2N OS	2N OS
3rd party apps	✓	-	-	-	-
Video voicemail	✓	-	-	-	-
Video preview	✓	✓	✓	✓	-
Colour variants	black; white	black; white	black; white	white	black; white
Mounting options	surface mounting; desk stand	flush; desk stand; surface mounting	flush; desk stand; surface mounting	surface mounting, desk stand	flush; desk stand
Dimensions W x H x D (inch)	9.252 x 6.496 x 1.575	7.598 x 6.181 x 1.969	5.984 x 6.024 x 1.969	4.88 x 5.91 x 1.10	7.283 x 5.039 x 1.898
POE or 12V power supply	✓	✓	✓	PoE onlu	✓
Integrated speaker	2 W	2 W	2 W	2 W	2 W
Integrated microphone	✓	✓	✓	✓	✓
Digital input (doorbell button)	2	1	1	1	1
Line out (induction loop)	-	✓	✓	-	✓
Digital output; relay	2;2	-	-	-	-

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, intercom and audio systems.

Axis has more than 3,800 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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