Q2 2023

Product comparison tables

Network video, audio, access control and intercoms

AXIS COMMUNICATIONS

VCP Pioneers Virtual Communication
Inteligent Video Surveillance

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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

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

Product line

Q	Most advanced video products for mission-critical systems
P	Versatile and advanced video products
M	Affordable, intuitive video products
V	Live-streaming cameras for professional use

Product type

1 2	Box camera, bullet camera, or thermal camera
3 4	Dome camera
5 6	PTZ camera
8–9	Positioning camera, speciality camera

Series

Running

Series name = AXIS M11

Resolution (visual camera)

1	VGA	640×480
2	4CIF	704×480 (NTSC) 704×576 (PAL)
3	SVGA	800×600
4	HDTV 720 1.3 MP	1280×720 1280×1024
5	HDTV 1080 2 MP	1920×1080 1600×1200
6	3 MP – <5 MP	2048×1536
7	5 MP - <8 MP	2560×1920
8	8 MP - <15 MP	
9	≥15 MP	

Resolution (thermal camera)

0	208x156	208x156
1	384x288	384x288
2	VGA	640×480

Extension

-B	Barebone
-C	Climate-controlled
-D	Detector
-E	Outdoor-ready
-G	Gateway
-L	LED illumination
-P	Panoramic
-R	Rugged
-S	Stainless steel
-V	Vandal-resistant
-W	Wireless

Version

Mk II

*Not applicable for modular and 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 Guard Suite

- 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

Business intelligence

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

Privacy protection

- AXIS Live Privacy Shield

Application for data management

- AXIS Store Reporter

The application for data management is compatible with analytics marked with an asterisk (*).

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.

***Multifeature*

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)

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:

Built-in cybersecurity features

A variety of Axis network products support some or all of the following features. See more details here

Axis Edge Vault for tamper-proof storage of cryptographic keys and sensitive data.

Signed video for verifying that the footage hasn't been tampered with after leaving the camera.

Signed firmware to guarantee the firmware is from Axis and hasn't been compromised.

Secure boot to block and reject unauthenticated firmware during the boot process.

Firmware

Keeping your device firmware updated is essential in a robust approach to cybersecurity. Our operating system, AXIS OS, gives you the choice to upgrade firmware based on two 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.

Built-in cybersecurity features

Prevent unauthorized access and safeguard your system.

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.

ONVIF®

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

> Profile A – For access control configuration
> Profile C – For door control and event management
> Profile G – For edge storage and retrieval
> Profile 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

ONVIF® | ACGMST

Axis fixed box cameras

	AXIS Q16 Series								
	AXIS Q1659[1]	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	5472x3648 (20 MP)	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	24 mm: 50.1°, 50 mm: 25.3° 85 mm: 15° 100 mm: 12.8° 10 - 22 mm: 96.6° - 54° 55 - 250 mm: 23.2° - 5.2° 70 - 200 mm: 18.2° - 6.4°	1/1.8", 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°
Day and night	√	√	√	√	√	√	√	√	√
Min. illumination (lux) Color/B&W	0.04/0.004	0.05/0.01	- / -	0.05/0.00	- / -	- / -	0.05/0.01	0.05/0.01	0.05/0.00
Max. frames per second	25	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 Guard Suite 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 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 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 4, DC	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	2	4	4	4	4	4	4	4	4
Operating temperature	0 °C to 45 °C (32 °F to 122 °F)	-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	Dynamic contrast	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	√ / √ / -	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √
OptimizedIR / Built-in IR	- / -	- / -	- / -	√ / √	√ / √	- / -	√ / √	- / -	√ / √
Special features	Compatible with EF/EF-S lenses SFP slot	Electronic image stabilization Defogging Shock detection Scene profiles, Secure boot Axis Edge Vault Signed video Edge-to-edge technology	Electronic image stabilization Defogging Shock detection Scene profiles, Secure boot, Axis Edge Vault Signed video Edge-to-edge technology	Electronic image stabilization Defogging, Shock detection Scene profiles, Secure boot Built-in wiper, Axis Edge Vault Signed video Edge-to-edge technology	Electronic image stabilization Defogging, Shock detection Scene profiles, Secure boot Built-in wiper, Axis Edge Vault Signed video Edge-to-edge technology	Electronic image stabilization Defogging Shock detection Scene profiles, Secure boot, Axis Edge Vault Signed video Edge-to-edge technology	Electronic image stabilization Defogging, Shock detection Secure boot, Axis Edge Vault, Signed video Edge-to-edge technology Radar-video fusion Picture-in-picture Augmented overlay (radar)	Electronic image stabilization Defogging Shock detection Scene profiles, Secure boot	Electronic image stabilization IK10, Defogging Shock detection Scene profiles, Secure boot

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°
Day and night	√	√	√	√	√	√
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	25/30	25/30	25/30	25/30	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
Power	PoE Class 3, DC	PoE Class 3 (with IR disabled), DC	PoE Class 3, DC	PoE Class 3 (with IR disabled), DC	PoE Class 3, DC	PoE Class 3, DC
In-/output ports	2/2	2/2	2/2	2/2	2/2	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	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √
OptimizedIR / Built-in IR	- / -	√ / √	- / -	√ / √	- / -	- / -
Special features	Video streaming indicator Defogging Shock detection Electronic image stabilization Secure boot	IK10 Video streaming indicator Defogging Shock detection Electronic image stabilization Secure boot	Video streaming indicator Defogging Shock detection Electronic image stabilization Secure boot	IK10 Video streaming indicator Defogging Shock detection Electronic image stabilization Secure boot	Video streaming indicator Defogging Shock detection Electronic image stabilization Secure boot	IK10 Defogging Shock detection Electronic image stabilization Secure boot

Axis 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 M1065-LW	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)	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°	1/3", 2.8 mm, F2.0, 110°	1/2.9", 3.16 mm, F2.0 103°
Day and night	√	√	√	√	√	√	√
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	0.25/0.00	0.18/0.00
Max. frames per second	25/30	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 Guard Suite 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	DC	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 40 °C (32 °F to 104 °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	WDR
Lightfinder	√	√	√	√	√	-	√
Zipstream/H.264/H.265	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / -	√ / √ / √
OptimizedIR/Built-in IR	- / -	- / -	- / -	- / -	- / √	- / √	- / √
Special features	Secure boot Video streaming indicator Axis Edge Vault Edge-to-edge technology Signed video Remote zoom & focus with i-CS lens	IK10 Secure boot Video streaming indicator Axis Edge Vault Edge-to-edge technology Signed video Remote zoom & focus with i-CS lens	Secure boot Video streaming indicator Axis Edge Vault Edge-to-edge technology Remote zoom & focus with i-CS lens Signed video	IK10 Secure boot Video streaming indicator Axis Edge Vault Edge-to-edge technology Remote zoom & focus with i-CS lens Signed video	Built-in PIR HDMI SIP Secure boot Axis Edge Vault Edge-to-edge technology WLAN option	Built-in PIR WLAN	Secure boot 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°
Day and night	√	√	√	√	√	√	√
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	√ / √	√ / √	√ / √	- / -	√ / √	- / √	- / √
Special features	Electronic image stabilization IK10 Defogging Secure boot 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 Secure boot, HDMI, HD-SDI, I2C FIPS 140-2 certified TPM 2.0 module Axis Edge Vault, Signed video, Edge-to-edge technology	Electronic image stabilization IK10 Defogging Built-in license plate capture assistant Support for third-party based LPR analytics	IK08 Secure boot Axis Edge Vault Edge-to-edge technology Signed video	IK08 Secure boot Axis Edge Vault Edge-to-edge technology Signed video

Axis bullet cameras

	AXIS P14 Series				
	AXIS P1468-LE	AXIS P1467-LE	AXIS P1465-LE	AXIS P1455-LE-3 Licence Plate Verifier Kit, *Will be replaced in Q2*	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, 29° – 11°	1/2.8", 3 - 9 mm, F1.6, 114° - 37°
Day and night	√	√	√	√	√
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	25/30	25/30	25/30	50/60	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	-	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	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √
OptimizedIR/Built-in IR	√ / √	√ / √	√ / √	√ / √	√ / √
Special features	IK10, Defogging SShock detection Secure boot Axis Edge Vault Signed video Edge-to-edge technology	IK10, Defogging Shock detection Secure boot Axis Edge Vault Signed video Edge-to-edge technology	IK10, Defogging Shock detection Secure boot Axis Edge Vault Signed video Edge-to-edge technology	IK10, Defogging Shock detection Secure boot Axis Edge Vault Edge-to-edge technology	IK10, Defogging Shock detection Secure boot Axis Edge Vault Edge-to-edge technology

Axis modular cameras

	AXIS F Series - Only comatible with 1st generation devices										
	AXIS F44 Dual Audio Input	AXIS F41	AXIS F34	AXIS F4005[1]	AXIS F4005-E[1]	AXIS F1035-E[1]	AXIS F1025[1]	AXIS F1015[1]	AXIS F1005-E[1]	AXIS F1004[1] AXIS F1004 Bullet[1]	AXIS F1004 Pinhole[1]
Max. video resolution	1920x1080 (2.1 MP)	1920x1200 (2.3 MP)	1920x1080 (2.1 MP)	1920x1200 (2.3 MP)	1920x1200 (2.3 MP)	1920x1200 (2.3 MP)	1920x1200 (2.3 MP)	1920x1200 (2.3 MP)	1920x1200 (2.3 MP)	1280x720 (1 MP)	1280x720 (1 MP)
Sensor size/Lens/ Horizontal field of view	-	-	-	1/2.8", 2.8 mm, F2.0, 113°	1/2.8", 2.8 mm, F2.0, 110°	1/2.8", 1.3 mm, F2.8, 194°	1/2.8", 3.7 mm, F2.5, 92°	1/2.8", 3 - 6 mm, F2.0, 97° - 52°	1/2.8", 2.8 mm, F2.0, 113°	1/4", 2.1 mm, F2.2, 102°	1/4", 3.7 mm, F2.5, 57°
Day and night	-	-	-	-	-	-	-	-	-	-	-
Min. illumination (lux) Color/B&W	-	-	-	0.3/-	0.3/-	0.3/-	0.3/-	0.3/-	0.3/-	0.4/-	0.5/-
Max. frames per second	25/30	50/60	25/30	50/60	50/60	50/60	50/60	50/60	50/60	25/30	25/30
Audio support/ Built-in mic	√ / -	√ / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Included video analytics (for Axis video analytics, see page 4)	Audio detection AXIS Video Motion Detection, Active tampering alarm	Audio detection, AXIS Video Motion Detection , Active tampering alarm	Audio detection Active tampering alarm	-	-	-	-	-	-	-	-
Power	PoE Class 3, DC	PoE Class 3, DC	PoE Class 3, DC	-	-	-	-	-	-	-	-
In-/output ports	4	4	-	-	-	-	-	-	-	-	-
Operating temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	0 °C to 40° C (32 °F to 104 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-20 °C to 50 °C (-4 °F to 122 °F)/ -20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)
Approvals	-	-	-	-	IP66	IP66/IP67/NEMA 4X	-	-	IP66/IP67/NEMA 4X	-	-
WDR	Forensic Capture	Forensic Capture	Dynamic contrast	Forensic Capture[2]	Forensic Capture[2]	Forensic Capture[2]	Forensic Capture[2]	Forensic Capture[2]	Forensic Capture[2]	WDR	WDR
Lightfinder	-	-	-	-	-	-	-	-	-	-	-
Zipstream/H.264/H.265	√ / √ / -	√ / √ / -	√ / √ / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
OptimizedIR/Built-in IR	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Special features	Supports 4 sensor units Rugged Quad view 2x memory card slots Suited for onboard surveillance	Supports 1 sensor unit Rugged 1x memory card slot Suited for onboard surveillance	Supports 4 sensor units Quad view 2x memory card slots	Standard lens Suited for onboard surveillance	IK09 Standard lens	Fisheye lens Suited for onboard surveillance	Pinhole lens	Varifocal lens	Standard lens Suited for onboard surveillance	Standard lens	Pinhole lens

1. For use with 1st generation AXIS F Series Main Units

	AXIS F Series - Only comatible with 2nd generation devices								
	AXIS F9104-B NEW	AXIS F9111 NEW	AXIS F9114 NEW	AXIS F9114-B NEW	AXIS F7225-RE[1] NEW	AXIS F4105-LRE[1] NEW	AXIS F2135-R[1] NEW	AXIS F2115-R[1] NEW	AXIS F2105-RE[1] NEW
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°
Day and night	-	-	-	-	-	√	-	-	-
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	- / -	- / -	- / -	- / -	- / -	- / √	- / -	- / -	- / -
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°
Day and night	-	-	-	-	-	-	-	-	-
Min. illumination (lux) Color/B&W	-	-	-	0.2/-	-	0.2/ -	0.25/-	0.2/-	-
Max. frames per second	25/30	25/30	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	√ / √ / -	√ / √ / -	√ / √ / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
OptimizedIR/Built-in IR	- / -	- / -	- / -	- / -	- / -	- / √	- / -	- / -	- / -
Special features	Supports 4 sensor units 2x memory card slots HDMI Quad view	Supports 1 sensor unit Memory card slot HDMI Axis Edge Vault, Signed video	Barebone Supports 1 sensor unit Memory card slot HDMI Axis Edge Vault, Signed video	Varifocal lens	-	Standard lens	Pinhole lens	Standard lens	-

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°
Day and night	-	-	-	-	-
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	- / -	- / -	- / -	- / -	- / -
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 Q38	AXIS Q35 Series			AXIS P47 Series	
	AXIS Q9216-SLV	AXIS Q3819-PVE	AXIS Q3538-SLVE	AXIS Q3538-LVE	AXIS Q3536-LVE	AXIS P4707-PLVE	AXIS P4705-PLVE
Max. video resolution	2304x1728 (4 MP)	8192x1728 (14 MP)	3840x2160 (8.3 MP)	3840x2160 (8.3 MP)	2688x1512 (4.1 MP)	2x 2592x1944 (2x 5MP)	2x 1920x1080 (2x 2MP)
Sensor size/Lens/ Horizontal field of view	1/2.5" , 2.4 mm, F2.0, 125°	4x 1/2.5", 5.9 mm, F1.88 180°	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°	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°
Day and night	√	√	√	√	√	√	√
Min. illumination (lux) Color/B&W	0.23/0.05	0.016/0.06	0.07/0.00	0.07/0.00	9 mm: 0.06/0.00 29 mm: 0.08/0.00	0.19/0.00	0.15/0.00
Max. frames per second	25/30	25/30	50/60	50/60	50/60	30/25	60/50
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 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 on all channels AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics on all channels AXIS Video Motion Detection Active tampering alarm
Power	PoE Class 3	PoE Class 4	PoE Class 4, DC	PoE Class 4, DC	PoE Class 4, DC	PoE Class 4	PoE Class 3 with limited IR range PoE Class 4 with full IR range
In-/output ports	1/1	1	2	2	2	-	-
Operating temperature	-20 °C to 50 °C (-4 °F to 122 °F)	-40 °C to 50 °C (-40 °F to 122 °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)	-30 °C to 50 °C (-22 °F to 122 °F)	-30 °C to 50 °C (-22 °F to 122 °F)
Approvals	IP66/IP6K9K/NEMA 4X	IP66/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)	IP66/NEMA 250 Type 4X/NEMA TS 2 (2.2.7-2.2.9)	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X
WDR	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
Zipstream/H.264/H.265	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √
OptimizedIR/Built-in IR	- / √	- / -	√ / √	√ / √	√ / √	√ / √	√ / √
Special features	Anti-ligature, K10+ Stainless steel Polygonal privacy masking Shock detection	Axis Edge Vault 1 IP address IK10 Vertical FoV 38 Pan/Tilt/Roll motors	Axis Edge Vault, Signed video, Secure boot, 316L Stainless steel FIPS 140-2 certified TPM 2.0 module Electronic image stabilization Defogging, IK10+ IP6K9K, Shock detection	Axis Edge Vault, Signed video Secure boot FIPS 140-2 certified TPM 2.0 module Electronic image stabilization Defogging, IK10+ IP6K9K, Shock detection Aluminum casing	Axis Edge Vault, Signed video, Secure boot FIPS 140-2 certified TPM 2.0 module Electronic image stabilization Defogging, IK10+ IP6K9K, Shock detection Aluminum casing	Axis Edge Vault, Signed video 1 IP address IK10 Remote zoom & focus Dual view Individually controllable IR LEDs	Axis Edge Vault, Signed video 1 IP address IK10 Remote zoom & focus Dual view Individually controllable IR LEDs

Axis dome cameras

	AXIS P91	AXIS P39 Series				
	AXIS P9106-V	AXIS P3935-LR	AXIS P3925-R	AXIS P3925-LRE	AXIS P3905-R Mk II	AXIS P3904-R Mk II
Max. video resolution	4:3 ratio: 2016x1512 (3MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (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, 87°	1/2.9", 3.6 mm, F2.0, 87°
Day and night	-	√	√	√	-	-
Min. illumination (lux) Color/B&W	0.35/-	0.06/0.01	0.06/0.01	0.07/0.02	0.06/-	0.06/-
Max. frames per second	25/30	25/30	25/30	25/30	25/30	25/30
Audio support/ Built-in mic	- / -	√ / √	- / -	- / -	- / -	- / -
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	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 2	PoE Class 2
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: -40 °C to 60 °C (-40 °F to 140 °F) Maximum (intermittent): 70 °C (158 °F)	Normal: -40 °C to 60 °C (-40 °F to 140 °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	IP66/IP67/NEMA 4X (Indoor only)	IP66/IP67/NEMA 4X (Indoor only)
WDR	WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic Capture	Forensic Capture
Lightfinder	-	√	√	√	√	√
Zipstream/H.264/H.265	√ / √ / -	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / -	√ / √ / -
OptimizedIR/Built-in IR	- / -	- / √	- / -	- / √	- / -	- / -
Special features	PoE over 2-wire IK10 Indoor anti-ligature	EN50155, EN45545, and NFPA 130 complicance Electronic Image Stabilization Shock detection 45 fps in 720p IK10 Secure boot Suited for indoor onboard surveillance	EN50155, EN45545, and NFPA 130 compliance Electronic Image Stabilization Shock detection 45 fps in 720p IK10 Secure boot Suited for indoor onboard surveillance	EN50155, EN45545 compliance Electronic Image Stabilization Shock detection 45 fps in 720p IK10+ Secure boot Suited for exterior onboard monitoring	EN50155 compliance IK08 Suited for indoor onboard surveillance	EN50155 compliance IK08 Suited for indoor onboard surveillance

Axis dome cameras

	AXIS P38 Series		AXIS P37 Series	
	AXOS P3818-PVE	AXIS P3807-PVE	AXIS P3727-PLE	AXIS P3719-PLE
Max. video resolution	4320x1920 (13 MP)	4320x1920 (8.3 MP)	4x 1920x1080 (4x2MP)	4x 2560x1440 (4x3.7MP)
Sensor size/Lens/ Horizontal field of view	3x 1/2.8", 3.2 mm, F2.0 180°	4x 1/2.9", 3.2 mm, F2.0, 180°	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°
Day and night	√	√	√	√
Min. illumination (lux) Color/B&W	0.15/0.06	0,17/0.005	0.17/0.00	0.2/0.00
Max. frames per second	25/30	25/30	25/30	25/30
Audio support/ Built-in mic	√ / -	- / -	√ (T61)/-	- / -
Included video analytics (for Axis video analytics, see page 4)	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	Axis Object Analytics (1ch) AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm
Power	Poe Class 4	Poe Class 3	Poe Class 4	PoE Class 3 w/o IR PoE Class 4 w IR
In-/output ports	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)	-30 °C to 50 °C (-22 °F to 122 °F)
Approvals	IP66/67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X
WDR	Forensic WDR	Forensic WDR	Forensic WDR	WDR
Lightfinder	2.0	√	√	√
Zipstream/H.264/H.265	√ / √ / √	√ / √ / -	√ / √ / √	√ / √ / √
OptimizedIR/Built-in IR	- / -	- / -	√ / √	- / √
Special features	1 IP address IK10 Vertical FoV 90	1 IP address IK10 Vertical FoV 90	1 IP address IK09 Remote zoom & focus 2 SD card slots Quad view Individually controllable IR LEDs Axis Edge Vault, Signed video	1 IP address IK09 Remote zoom & focus 2 SD card slots Quad view Individually controllable IR LEDs

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 P3245-LVE-3 Licence Plate Verifier Kit *Will be replaced in Q2*
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°- 3 6°	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°
Day and night	√	√	√	√	√	√	√	√	√
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 capabilites	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	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	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	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √
OptimizedIR/ Built-in IR	√ / √	√ / √	- / -	√ / √	√ / √	√ / √	√ / √	√ / √	√ / √
Special features	IK10 Secure boot Axis Edge Vault Signed video 22 mm: Edge-to-edge technology	IK10 Secure boot Axis Edge Vault Signed video	IK10 Secure boot Axis Edge Vault Signed video	IK10 Secure boot Axis Edge Vault Signed video	IK10 Secure boot Axis Edge Vault Signed video Edge-to-edge technology	IK10 Secure boot Axis Edge Vault Signed video Edge-to-edge technology	IK10 Secure boot Axis Edge Vault Signed video Edge-to-edge technology	IK10 Secure boot Axis Edge Vault Signed video Edge-to-edge technology	IK10 Secure boot

Axis dome cameras

	AXIS M43	AXIS M42 Series		AXIS M32 Series	
	AXIS M4308-PLE	AXIS M4216-V	AXIS M4216-LV	AXIS M3216-LVE	AXIS M3215-LVE
Max. video resolution	3584x2688 (12 MP)	2304x1728 (4 MP)	2304x1728 (4 MP)	2688x1512 (4.1 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	1/1.7", 1.3 mm, F2.4 183°	1/2.7", 3 – 6 mm, F1.9 - 2.7 100°– 45°	1/2.7", 3 – 6 mm, F1.9 - 2.7 100°– 45°	1/2.7", 2.9 mm, F2.0, 102°	1/2.9" , 3.1 mm, F2.0, 101°
Day and night	√	√	√	√	√
Min. illumination (lux) Color/B&W	0.19/0.04	0.18/0.03	0.18/0.00	0.16/0.00	0.14/0.00
Max.frames per second	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
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 AXIS Face Detector Active tampering alarm	AXIS Object Analytics AXIS Video Motion Detection AXIS Face Detector Active tampering alarm	AXIS Object Analytics AXIS Video Motion Detection Active tampering alarm Audio detection	AXIS Object Analytics AXIS Video Motion Detection Active tampering alarm Audio detection
Power	PoE Class 4	PoE Class 2	PoE Class 3	PoE Class 3	PoE Class 3
In-/output ports	1	-	-	1/1	1/1
Operating temperature	-40 °C to 50 °C (-40 °F to 122 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)	-40 °C to 50 °C (-40 °F to 122 °F)	-40 °C to 50 °C (-40 °F to 122 °F)
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)
WDR	Forensic WDR	WDR	WDR	Forensic WDR	Forensic WDR
Lightfinder	√	√	√	√	√
Zipstream/H.264/H.265	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √
OptimizedIR/Built-in IR	√ / √	- / -	√ / √	√ / √	√ / √
Special features	Voice enhancer Dewarped views IK09 Secure boot Axis Edge Vault Signed video	HDMI IK08 Secure boot Axis Edge Vault Signed video Edge-to-edge technology	HDMI IK08 Secure boot Axis Edge Vault Signed video Edge-to-edge technology	HDMI IK10 Secure boot Axis Edge Vault Edge-to-edge technology	HDMI IK10 Secure boot Axis Edge Vault Edge-to-edge technology

Axis dome cameras

	AXIS M31 Series		AXIS M30 Series		
	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)	3840x2160 (8.3 MP)	2688x1512 (4.1 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	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°
Day and night	√	√	√	√	√
Min. illumination (lux) Color/B&W	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	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
Included video analytics (for Axis video analytics, see page 4)	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 2	PoE Class 2	PoE Class 2
In-/output ports	-	-	-	-	-
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 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)
Approvals	IP66/67/NEMA 250 Type 4X	IP66/67/NEMA 250 Type 4X	-	-	-
WDR	Forensic WDR	Forensic WDR	WDR	WDR	WDR
Lightfinder	√	√	-	√	√
Zipstream/H.264/H.265	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √
OptimizedIR/ Built-in IR	- / √	- / √	- / -	- / -	- / -
Special features	IK08 Secure boot	IK08 Secure boot	IK08 Secure boot Axis Edge Vault Signed video Edge-to-Edge technology	IK08 Secure boot Axis Edge Vault Signed video Edge-to-Edge technology	IK08 Secure boot Axis Edge Vault Signed video Edge-to-Edge technology

Axis dome cameras

	AXIS M30 Series				
	AXIS M3077-PLVE	AXIS M3068-P	AXIS M3067-P	AXIS M3058-PLVE	AXIS M3057-PLVE Mk II
Max. video resolution	2016x2016 (6 MP image sensor)	2880x2880 (12 MP)	2016x2016 (6 MP)	2992x2992 (12 MP)	2048x2048 (6 MP)
Sensor size/Lens/ Horizontal field of view	1/1.8", 1.6 mm, F2.0, 183°	1/1.7", 1.65 mm, F2.8, 185°	1/1.8" , 1.56 mm, F2.0, 185°	1/1.7", 1.3 mm, F2.2, 181°	1/1.8", 1.6 mm, F2.0, 185°
Day and night	√	√	√	√	√
Min. illumination (lux) Color/B&W	0.16/0.00	0.32/0.06	0.18/0.04	0.19/0.00	0.16/0.00
Max. frames per second	25/30	25/30	50/60	25/30	50/60
Audio support/ Built-in mic	√ / √	- / -	- / -	- / -	- / -
Included video analytics (for Axis video analytics, see page 4)	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 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 2	PoE Class 2	PoE Class 3	PoE Class 3
In-/output ports	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 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)
Approvals	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	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / -	√ / √ / -
OptimizedIR/Built-in IR	√ / √	-/-	-/-	√ / √	√ / √
Special features	IK10 Dewarped views Axis Edge Vault	Dewarped views	Dewarped views	HDMI IK10 Dewarped views	IK10 Dewarped views Axis Edge Vault

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	√ / √ / √	√ / √ / √	√ / √ / -	√ / √ / -	√ / √ / √
OptimizedIR/Built-in IR	- / -	- / -	- / -	- / -	- / -
Special features	FIPS 140-2 level 2 certified TPM, IK10 Secure boot, Axis Edge Vault Electronic image stabilization[2] RJ45 and SFP interfaces Thermal palettes Defogging, Built-in wiper Visual channel: Focus recall	FIPS 140-2 level 2 certified TPM, IK10 Secure boot, 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) Secure boot, Shock detection FIPS 140-2 certified TPM 2.0 module RJ45 and SFP interfaces Signed video, 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 NEW	AXIS Q6315-LE	AXIS Q6225-LE	AXIS Q6155-E	AXIS Q6154-E	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)	1280x720 (1 MP)	1920x1080 (2.1 MP)	2592x1944 (20.4 MP)
Sensor size/Lens/ Horizontal field of view	58.5° - 2.3°	1/1.7", 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 - 129 mm, F1.6 - 4.7, 66.7°- 2.36°	1/2.8", 4.3 - 129 mm, F1.6 - 4.7 66.7°– 2.36°	1/2.8", 4.3 - 137.6 mm, F1.4 - 4.0 58.3°– 2.4°	2.8 mm, F2, 360°
Day and night	√	√	√	√	√	√	√
Min. illumination (lux) Color/B&W	0.11/0.001	0.06/0.001	0.05/0.001	0.15/0.01	0.15/0.01	0.06/0.00	0.3/0.03
Max. frames per second	25/30	50/60	50/60	50/60	50/60	50/60	20
Optical zoom	31	31	31	30	30	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 Guard Suite Active Gatekeeper Autotracking AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite Active Gatekeeper Autotracking AXIS Video Motion Detection Active tampering alarm	Axis Object Analytics Active Gatekeeper Autotracking AXIS Video Motion Detection	AXIS Guard Suite Autopilot
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 Class 4, High PoE SFP midspan included	PoE Class 4, High PoE SFP midspan included	PoE
In-/output ports	4	-	-	-	-	-	-
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)	-55 °C to 50 °C (-67 °F to 122 °F)	-55 °C to 50 °C (-67 °F to 122 °F)	-50 °C to 50 °C (-58 °F to 122 °F)	-50 °C to 50 °C (-58 °F to 122 °F)
Approvals	IP66/NEMA 4X	IP66/NEMA 4X	IP66/IP68/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X
WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic Capture	Forensic Capture	Forensic Capture	WDR
Lightfinder	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	√	√	Lightfinder 2.0	-
Zipstream/H.264/H.265	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / -	√ / √ / -	√ / √ / √	√ / √ / √
OptimizedIR/Built-in IR	√ / √	√ / √	√ / √	- / -	- / -	√ / √	- / -
Special features	Electronic image stabilization Orientation aid IK10 Secure boot Laser focus, Sharpdome Speed dry Shock detection FIPS 140-2 certified TPM 2.0 module	Electronic image stabilization Orientation aid IK10 Secure boot Laser focus, Sharpdome Speed dry Shock detection FIPS 140-2 certified TPM 2.0 module	MIL-STD-810G Electronic image stabilization Built-in wiper Orientation aid IK10, Secure boot Shock detection FIPS 140-2 certified TPM 2.0 module Signed video, Axis Edge Vault	Electronic image stabilization Focus recall IK08 Laser focus, Sharpdome Speed dry Shock detection	Electronic image stabilization Focus recall IK08 Laser focus, Sharpdome Speed dry Shock detection	Electronic image stabilization Focus recall Defogging IK08 Sharpdome Speed dry Shock detection	Directional audio detection Exchangeable lenses IK10

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	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)
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	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / -	√ / √ / -	√ / √ / √
OptimizedIR/Built-in IR	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Special features	UHD 4K Electronic image stabilization Secure boot FIPS 140-2 certified TPM 2.0 module Orientation aid Automatic defog Focus recall, IK10 Object counter, Object removed Shock detection Axis Edge Vault, SIgned video	Electronic image stabilization Secure boot FIPS 140-2 certified TPM 2.0 module Orientation aid Automatic defog, Focus recall, IK10 Enter/Exit detector Object counter, Object removed Shock detection Highlight compensation	2xSFP slots for fiber Electronic image stabilization MIL-STD-810G 509.5 Stainless steel. Secure boot FIPS 140-2 certified TPM 2.0 module Orientation aid, Automatic defog Focus recall Enter/Exit detector Object counter, Object removed Shock detection Highlight compensation	Electronic image stabilization Secure boot FIPS 140-2 certified TPM 2.0 module Orientation aid Automatic defog Focus recall, IK10 Enter/Exit detector Object counter, Object removed Shock detection Highlight compensation	Electronic image stabilization Automatic defog Focus recall Object counter, Object removed Shock detection Highlight compensation	Electronic image stabilization Automatic defog Focus recall Object counter, Object removed IK10 Shock detection Highlight compensation	Exchangeable lenses IK10 Requires a current AXIS Q60-E PTZ Network Camera

Axis pan/tilt/zoom cameras

	AXIS V59 Series		AXIS P56 Series		
	AXIS V5938	AXIS V5925	AXIS P5676-LE NEW	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	- / -	- / -	√ / √	- / -	- / -
Special features	UHD 4K 2x Canon XLR3 3G-SDI HDMI™ CamStreamer 3-month trial included VISCA support VISCA over IP support Secure boot	2x Canon XLR3 3G-SDI HDMI™ CamStreamer 3-month trial included VISCA support VISCA over IP support Secure boot	Electronic image stabilization Orientation aid IK10 Tampering Secure boot Spot Focus	Electronic image stabilization Defogging Focus recall IK10 Secure boot Shock detection	Electronic image stabilization Defogging Focus recall IK10 Secure boot

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	WDR	WDR		Forensic Capture	Forensic Capture
Lightfinder	-	-	-	-	-	-
Zipstream/H.264/H.265	√ / √ / -	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √	√ / √ / √
OptimizedIR/Built-in IR	- / -	- / -	- / -	- / -	- / -	- / -
Special features	Scene profiles IK09	Wireless I/O connectivity with Z-Wave Plus® devices Autofocus	Autofocus	Autofocus	Signed video Axis Edge Vault	Wireless I/O connectivity with Z-Wave Plus® devices Signed video Axis Edge Vault

Axis thermal cameras

	AXIS Q19 Thermal Camera Series						
	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	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°	Uncooled microbolometer Athermalized lens 10 mm, F1.17, 63° 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]
Object temperature range	-40 °C to 350 °C (-40 °F to 662 °F)	-	-	-	-	-	-
Sensitivity	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 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 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, 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	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)
Approvals	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	√ /√ /√	√ /√ /√	√ /√ /√	√ /√ / -	√ /√ / -	√ /√ / -	√ /√ / -
Special features	Isothermal palettes Thermal palettes Spot temperature reading Polygonal detection areas Electronic image stabilization FIPS 140-2 level 2 certified TPM, IK10, Axis Edge Vault	Electronic image stabilization Thermal palettes Secure boot Axis Edge Vault FIPS 140-2 level 2 certified TPM, IK10	Electronic image stabilization Thermal palettes Secure boot Axis Edge Vault FIPS 140-2 level 2 certified TPM, 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

	Zone 1/Division 1			
	AXIS XPQ1785	ExCam XPT Q6075	D201-S XPT Q6075	XP40-Q1942
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	640x480
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°	1/2.8", 4.25 - 170 mm, F1.6 - 4.95, 65.1° - 2.0°	Uncooled microbolometer Athermalized 19 mm, F1.23, 32°
Min. illumination (lux) Color/B&W	0.16/0.03	0.1/0.002	0.1/0.002	-/-
Max. frames per second	50/60	50/60	50/60	8.3
Object temperature range	-	-	-	-
Sensitivity	-	-	-	NETD < 50 mK
Detection range (m/yd.)	-	-	-	567/620[1] 1739/1902[2]
Optical zoom	32	40	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 Guard Suite Active Gatekeeper Autotracking 2 AXIS Video Motion Detection Active tampering alarm	AXIS Video Motion Detection
Power	100 - 240 V AC	PoE Class 3 and 24 V AC for additional heater SFP midspan included	PoE Class 4, High PoE, SFP midspan included	24 V AC / 110 V AC
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)	-20 °C to 55 °C (-4 °F to 131 °F)	-40 °C to 70 °C (-40 °F to 158 °F) -60 °C model: -60 °C to 40 °C (-76 °F to 104 °F) -50 °C UL model: -50 °C to 70 °C (-58 °F to 158 °F)
Approvals	IP66/IP67/IP68	IP66/IP67/IP68	IP66/IP67	IP66/IP67
WDR	Forensic WDR	Forensic WDR	Forensic WDR	-
Lightfinder	√	Lightfinder 2.0	Lightfinder 2.0	-
Zipstream/H.264/H.265	√ / √ / -	√ / √ / √	√ / √ / √	√ / √ / -
Certifications	ATEX, IECEx, INMETRO, IA, KCs, PESO, cMETus	ATEX, IECEx, IA, EAC, PESO	ATEX, IECEx, INMETRO, cFMus	ATEX, IECEx, cULus
Special features	316L stainless steel Built-in wiper Defogging Electronic image stabilization	316L stainless steel Secure boot FIPS 140-2 certified TPM 2.0 module Orientation aid, Automatic defog, Electronic image stabilization Focus recall, Shock detection	316L stainless steel Secure boot FIPS 140-2 certified TPM 2.0 module Orientation aid, Automatic defog Electronic image stabilization Focus recall, Shock detection	316L stainless steel Electronic image stabilization Shock detection

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			
	XF40-Q1785	ExCam XF Q1785	ExCam XF P1377	ExCam XF M3016
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	3072x1728 (5 MP)	2016x1512 or 2304x1296 (3MP)
Sensor size/Lens/ Horizontal field of view	1/2.8", 4.3 – 137 mm, F1.4 - 4.0, 60° - 2.3°	1/2.8", 4.3 – 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)
Min. illumination (lux) Color/B&W	0.16/0.03	0.16/0.03	0.15/0.03	0.4/ -
Max. frames per second	25/30	25/30	180	25/30
Included video analytics (for Axis video analytics, see page 4)	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
Power	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
In-/output ports	0/1	0/0	0/0	0/0
Operating temperature	-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)
Approvals	IP66/IP67	IP68	IP68	IP68
WDR	Forensic WDR	Forensic WDR	Forensic WDR	WDR
Lightfinder	√	√	√	-
Zipstream/H.264/H.265	√ / √ / -	√ / √ / -	√ / √ / √	√ / √ / √
Certifications	cULus	ATEX, IECEx, IA, EAC, PESO	ATEX, IECEx, IA, EAC, PESO	ATEX, IECEx, IA, EAC, PESO
Special features	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 Secure boot	Stainless steel

	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 NEW
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

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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 togheter 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 Duress 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

	AXIS S30	AXIS S22 Series				AXIS S21
	AXIS S3008	AXIS S2224	AXIS S2216	AXIS S2212	AXIS S2208	AXIS S2108 NEW
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 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 NEW	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	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 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.	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 Any combination of the above for maximum four 4K monitors. Playback: Supports the same split scenarios as for live view.
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	Rear side: 4x USB 3.2 2x Display port 1.4a 1x RJ45 1 Gbps Front side: 1x USB 3.2 1x USB-C port 1x UAJ (Universal audio jack) 1x Audio line/out	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) 1x Header for remote power button 1x RJ45 1 Gbps Front side: 1x USB 3.2 2x USB 2.0 1x USB-C port 1x UAJ (Universal audio jack)
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

	People counters People counting for operational efficiency	**AXIS P8815-2 3D People Counter**
	I/O devices Enhanced security with wired sensors for both indoor and outdoor	AXIS T834 Wireless I/O Series AXIS A9161 Network I/O Relay Module AXIS A9188 Network I/O Relay Module AXIS D3110 Connectivity Hub
	Decoders Make it possible to display multiple camera video streams to a public view monitor	AXIS T8705 Video Decoder
	Security radars Radar technology for wide-area detection regardless of visibility	AXIS D2110-VE Security Radar
	Audio/Visual alerters Signal and alarm with the power of light and sound	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 NEW	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	-	-	-	√	-	-	-

	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 NEW	AXIS A1610 NEW	AXIS A1601	AXIS A1210	AXIS A1210-B
Door controller type	Network edge door controller	Network edge door controller	Network edge door controller	Network edge door controller	Network edge door controller
Number of doors	Two doors	Two doors	Up to two doors	One door	One door
Application	Ready out of box - indoor & outdoor ready	Ready out of box - indoor & outdoor ready	Ready out of box - indoor & outdoor ready	Compact design - install it anywhere	Compact design - install it anywhere
Typical installation	Wall mount, DIN rail, custom enclosure	Wall mount, DIN rail, custom enclosure	Wall mount, DIN rail	Wall mount, DIN rail	DIN rail, custom enclosure
Number of credentials per controller	250 000	250 000	70 000	250 000	250 000
Number of event history per controller	250 000	250 000	100 000	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
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
Readers	4x OSDP or 2x Wiegand	4x OSDP or 2x Wiegand	2x OSDP or 2x 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)	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	6	2	2
Power supply	PoE+ or DC (10V-28V DC)	PoE+ or DC (10V-28V DC)	PoE Class 4, DC (10V-28V DC)	PoE Class 4, DC (12V DC)	PoE Class 4, DC (12V DC)
Power buget per controller	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	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)
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)	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	√	√	√

Readers

	AXIS A4120-E	AXIS A4020-E	AXIS Barcode Reader
Keypad	√	-	ACAP solution for reading QR code credentials. For installation on select Axis network cameras and intercoms. For more information, see link to web on page 4, Analytics.
LED symbols	√	LED Strip	
RS485(OSDP)	√	√	
Secure channel support	√	√	
Power	12V	12V	
Approvals	IP66, IK07	IK07	
UL 294	√	√	

Credentials

	AXIS TA4701 Access Card	AXIS TA4702 Key Fob	AXIS Mobile Credential
RFID technology	MIFARE® DESFire® EV2	MIFARE® DESFire® 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	

Network intercoms

Network intercoms

	AXIS A8207-VE Mk II	AXIS A8105-E	AXIS I8016-LVE
Max. video resolution	3072x2048 (6.3 MP)	1920x1200	2592x1944
Horizontal field of view	180°	180°	140°
Dimensions (H x D x W)	248 x 106 x 51 mm (9 3/4 x 4 3/16 x 2 in)	147.5 x 35 x 48 mm (5.81 x 1.38 x 1.89 in)	124 x 124 mm (4.9 in X 4.9 in)
Max. frames per second	25/30	50/30	30/25
Min. illumination (lux) Color/B&W	0.55/-	1.96/-	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	-	-
Included analytics	AXIS Guard Suite, Audio detection Shock detection AXIS Video Motion Detection	AXIS Guard Suite, Audio detection Shock detection AXIS Video Motion Detection	Audio detection Shock detection AXIS Video Motion Detection
Power	DC, PoE Class 3, PoE Class 4	PoE Class 3	PoE Class 3
Operating temperature	-40 °C to 55 °C (-40 °F to 131 °F)	-25 °C to 55 °C (-13 °F to 131 °F)	-40 °C to 60 °C (-40 °F to 140 °F)
Approvals	IP66/NEMA 4X	IP65/NEMA 4X	IP66/IP69 (when using wall mount), NEMA 4X
WDR	Forensic WDR	Forensic Capture	Forensic WDR
Zipstream	√	√	√
SIP (VoIP)	√	√	√
Special features	ACAP, IK08, T-coil, Pictograms, Keypad, HDMI, Secure Boot, UL294	ACAP, Mullion style installation, UL294	ACAP, Pictograms, Suitable with US 2-gang box, IK10, Anti-ligature, Secure boot, FIPS 140-2 certified TPM 2.0 module

Network audio

	Network speakers							
	AXIS C1310-E	AXIS C1610-VE NEW	AXIS C1210-E	AXIS C1211-E	AXIS C1510	AXIS C1511	AXIS C1410	AXIS C1004-E
Voice annoucements	√	√	√	√	√	√	√	√
Background music	-	√	√	√	√	√	√	√
Onboard audio clips	√	√	√	√	√	√	√	√
Memory card slot	-	√	√	√	√	√	-	√
Power	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3
Max sound pressure level	>121 dB	>105 dB	>96 dB	>93 dB	>96 dB	>93 dB	>90 dB	>96 dB
Frequency response	280 Hz - 12.5 kHz	200 Hz - 16 kHz	40Hz - 20 kHz	40Hz - 16 kHz	60Hz -16 kHz	70Hz - 16 kHz	100 Hz - 20 kHz	60 Hz - 20 kHz
Coverage pattern	70° horizontal by 100° vertical	130° coaxial	130° coaxial	130° coaxial	130° coaxial	130° coaxial	145° coaxial	130° horizontal by 100° vertical
In-/output ports	1/1	2	2	2	2	2	-	-
Indicators	-	Frontfacing LED	Frontfacing LED	Frontfacing LED	Frontfacing LED	Frontfacing LED	Frontfacing LED	-
Input for external mic	-	√	√	√	√	√	-	-
Built-in mic	√	√	√	√	√	√	√	√
PIR sensor	-	-	-	-	-	-	√	-
Approvals	IP67	IP66, IK10	IP44 (IP54 with outdoor accessory)	IP44 (IP54 with outdoor accessory)	-	-	-	IP45
Special features	AXIS Audio Manager Edge included, VAPIX, ACAP, SIP	AXIS Audio Manager Edge included, VAPIX, ACAP, SIP	AXIS Audio Manager Edge included, VAPIX, ACAP, SIP	AXIS Audio Manager Edge included, VAPIX, ACAP, SIP	AXIS Audio Manager Edge included, VAPIX, ACAP, SIP	AXIS Audio Manager Edge included, VAPIX, ACAP, SIP	AXIS Audio Manager Edge included, VAPIX, ACAP, SIP	AXIS Audio Manager Edge included, VAPIX, ACAP, SIP

Audio system devices

	AXIS C8110 Network Audio Bridge	AXIS C8210 Network Audio Amplifier
Built-in amplifier	-	√
Audio input	Line level 3-pole 3.5 mm jack	Mic in 3-pole 3.5 mm jack
Audio output	Line level RCA R+L	Speaker out 2-pole 5.08 mm
Voice announcements	√	√
Onboard audio clips	√	√
Background music	√	√
Configurable I/O:s	2	2
Power	PoE, DC	PoE+
Memory card slot		√
IP rating	IP20	IP20
Special features	AXIS Audio Manager Edge included, VAPIX, ACAP, SIP	AXIS Audio Manager Edge included, VAPIX, ACAP, SIP

Network microphone

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

Audio management software

	AXIS Audio Manager Edge	AXIS Audio Manager Pro	AXIS Audio Manager Pro C7050 MkIII
			NEW
	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.		
Number of speakers	200	5000	5000
Number of zones	20	100	100
Scheduling	Weekly	Advanced	Advanced
Content management	√	√	√
Licences included	√	√	√
Hardware	-	Minimum requirement on PC hardware as AXIS C7050 MkII or better	Intel® Core™ i3
Storage	-	128 GB required	256 GB SSD included
Operating system	-	Supported OS: Microsoft Windows 10, Windows Server 2016, Windows Server 2019	Included OS: Microsoft Windows 10 Enterprise
Virtual Machine support	-	VMWare ESXi, Microsoft Hyper-V, Microsoft Windows Datacenter With configuration and resources allocated similar to the minimum hardware requirements	-

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
	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, 141°
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	
	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
	AXIS W800 System Controller
Storage size/Encryption	480 GB AES256
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.

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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 Axis Communications

Axis enables a smarter and safer world by creating solutions for improving security and business performance. As a network technology company and industry leader, Axis offers solutions in video surveillance, access control, intercom, and audio systems. They are enhanced by intelligent analytics applications and supported by high-quality training.

Axis has around 4,000 dedicated employees in over 50 countries and collaborates with technology and system integration partners worldwide to deliver customer solutions. Axis was founded in 1984, and the headquarters are in Lund, Sweden.

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Virtual Communication Pioneers

WWW.VCPCO.COM

TELEFAX: +9821 88580824-5

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