

Q2 2022

# Product comparison tables

Network video, audio, access control and intercoms

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## Axis Warranty

5-year warranty for peace of mind

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

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

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



## Product naming structure - Guide



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

[Product naming structure guide](#)

### AXIS P3265-LVE Mk II Network Camera

Product line	Product type	Series #	Running #	Resolution (visual camera)		Extension		Version #	
Q	1 Fixed box camera, fixed bullet camera, or thermal camera			1	VGA	640x480	-B	Barebone	Mk II
				2	4CIF	704x480 (NTSC) 704x576 (PAL)	-C	Climate-controlled	
P	3 Fixed dome camera			3	SVGA	800x600	-E	Outdoor-ready	
				4	HDTV 720 1.3 MP	1280x720 1280x1024	-L	LED illumination	
M	5 PTZ camera			5	HDTV 1080 2 MP	1920x1080 1600x1200	-P	Panoramic	
				6	3 MP - <5 MP	2048x1536	-S	Stainless steel	
V	8-9 Positioning camera, speciality camera or network intercom			7	5 MP - <8 MP	2560x1920	-R	Rugged	
				8	8 MP - <15 MP		-V	Vandal-resistant	
I	Network intercoms			9	≥15 MP		-W	Wireless	

Resolution (thermal camera)	
0	208x156 208x156
1	384x288 384x288
2	VGA 640x480

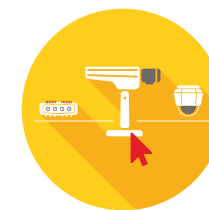
Series name = **AXIS P32**

\*Not applicable for modular and explosion-protected cameras.

## Product selector

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

[Product selector](#)



AXIS Product Selector



# 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 analytics performance.



### Zipstream

Save bandwidth and space without sacrificing valuable information.



### Lightfinder

Capture color images in low-light conditions.



### Wide Dynamic Range - WDR

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



### OptimizedIR

For advanced and powerful camera-integrated IR solutions..



### Electronic image stabilization

Minimize the impact of vibration and shaking.



### Thermal imaging

Detect and verify in challenging conditions, without compromising privacy.



### Radar

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



### From analog to IP

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



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

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

For more information on ONVIF, please go to:

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



# Axis fixed box cameras









AXIS Q16 Series										
	AXIS Q1659 <sup>1</sup>	AXIS Q1656	AXIS Q1656-B	AXIS Q1656-LE	AXIS Q1656-BLE	AXIS Q1656-BE	AXIS Q1647	AXIS Q1647-LE	AXIS Q1615 Mk III	AXIS Q1615-LE Mk III
										
<b>Max. video resolution</b>	5472x3648 (20 MP)	2688x1512 (4 MP)	2688x1512 (4 MP)	2688x1512 (4 MP)	2688x1512 (4 MP)	2688x1512 (4 MP)	3072x1728 (5.3 MP)	3072x1728 (5.3 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
<b>Sensor size/Lens/ Horizontal field of view</b>	24 mm: 50.1° 35 mm: 35.5° 50 mm: 25.3° 85 mm: 15° 100 mm: 12.8° 10 - 22 mm: 96.6° - 54° 55 - 250 mm: 23.2° - 5.2° 70 - 200 mm: 18.2° - 6.4°	1/1.8", 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", -, -	1/2", i-CS lens, 3.9 - 10 mm, F1.5, 110° - 44°	1/2", i-CS lens, 3.9 - 10 mm, F1.5, 92° - 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°
<b>Day and night</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Min. illumination (lux) Color/B&amp;W</b>	0.04/0.004	0.05/0.01	- / -	0.05/0.00	- / -	- / -	0.12/0.02	0.12/0.00	0.05/0.01	0.05/0.00
<b>Max. frames per second</b>	25	50/60	50/60	50/60	50/60	50/60	50/60	50/60	100/120	100/120
<b>Audio support / Built-in mic</b>	✓ / -	✓ / ✓	✓ / ✓	✓ / -	✓ / -	✓ / -	✓ / ✓	✓ / -	✓ / ✓	✓ / -
<b>Compute capabilities</b>	-	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
<b>Included analytics (for Axis analytics, see page 43)</b>	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 Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite Audio detection AXIS Video Motion Detection Active tampering alarm	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 Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm
<b>Power</b>	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 3, DC	PoE Class 4	PoE Class 3, DC	PoE Class 4
<b>In-/output ports</b>	2	4	4	4	4	4	4	4	4	4
<b>Operating temperature</b>	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)	-20 °C to 60 °C (-4 °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
<b>Outdoor ready approvals</b>	-	-	-	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X
<b>WDR</b>	Dynamic contrast	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR
<b>Lightfinder</b>	✓	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	✓	✓	Lightfinder 2.0	Lightfinder 2.0
<b>Zipstream/H.264/H.265</b>	✓ / ✓ / -	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / ✓	✓ / ✓ / ✓
<b>Optimized IR / Built-in IR</b>	- / -	- / -	- / -	✓ / ✓	✓ / ✓	- / -	- / -	✓ / ✓	- / -	✓ / ✓
<b>Special features</b>	Compatible with EF/EF-S lenses SFP slot	Electronic image stabilization Defogging Shock detection Scene profiles, Secure boot	Electronic image stabilization Defogging Shock detection Scene profiles, Secure boot	Electronic image stabilization Defogging, Shock detection Scene profiles, Secure boot Built-in wiper	Electronic image stabilization Defogging, Shock detection Scene profiles, Secure boot Built-in wiper	Electronic image stabilization Defogging Shock detection Scene profiles, Secure boot	Electronic image stabilization Defogging, Orientation aid Shock detection Scene profiles	Electronic image stabilization Defogging, Orientation aid Shock detection IK10, Scene profiles	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 fixed box cameras

	AXIS P13 Series					
	 AXIS P1378	 AXIS P1378-LE	 AXIS P1377	 AXIS P1377-LE	 AXIS P1375	 AXIS P1375-E
Max. video resolution	3840x2160 (8.3 MP)	3840x2160 (8.3 MP)	2592x1944 (5 MP)	2592x1944 (5 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	1/1.8", 3.9 – 10 mm, F1.5, 119° – 45°	1/1.8", 3.9 – 10 mm, F1.5, 115° – 45°	1/2.7", 2.8 – 8 mm, F1.2, 111° – 38°	1/2.7", 2.8 – 8 mm, F1.2, 90° – 38°	1/2.8", 2.8 – 8 mm, F1.2, 124° – 42°	1/2.8", 2.8 – 8 mm, F1.2, 107° – 42°
Day and night	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.15/0.03	0.15/0.00	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 analytics (for Axis analytics, see page 43)	AXIS Object Analytics AXIS Guard Suite Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite 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)
Outdoor ready approval	-	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X
WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR
Lightfinder	✓	✓	✓	✓	Lightfinder 2.0	Lightfinder 2.0
Zipstream/H.264 /H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
Optimized IR / Built- in IR	- / -	✓ / ✓	- / -	✓ / ✓	- / -	- / -
Special features	Video streaming indicator Defogging Shock detection Electronic image stabilization Secure boot	IK10 Video streaming indicator Defogging Shock detection Electronic image stabilization Secure boot	Video streaming indicator Defogging Shock detection Electronic image stabilization Secure boot	IK10 Video streaming indicator Defogging Shock detection Electronic image stabilization Secure boot	Video streaming indicator Defogging Shock detection Electronic image stabilization Secure boot	IK10 Defogging Shock detection Electronic image stabilization Secure boot

## Axis fixed box cameras





	AXIS M11 Series					AXIS M10 Series		
	AXIS M1137	AXIS M1137-E	AXIS M1135	AXIS M1135-E	AXIS M1134	AXIS M1065-L	AXIS M1065-LW	AXIS M1045-LW
								
<b>Max. video resolution</b>	2592x1944 (5 MP)	2592x1944 (5 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1.3 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
<b>Sensor size/Lens/ Horizontal field of view</b>	1/2.7", 2.8 - 13 mm, F1.4, 112° - 24°	1/2.7", 2.8 - 13 mm, F1.4, 112° - 24°	1/2.9", 3 - 10.5 mm, F1.4, 90° - 33°	1/2.9", 3 - 10.5 mm, F1.4, 90° - 33°	1/2.9", 3 - 10.5 mm, F1.4, 90° - 33°	1/3", 2.8 mm, F2.0, 110°	1/3", 2.8 mm, F2.0, 110°	1/3", 2.8 mm, F2.0, 110°
<b>Day and night</b>	✓	✓	✓	✓	✓	✓	✓	✓
<b>Min. illumination (lux) Color/B&amp;W</b>	0.17/0.03	0.17/0.03	0.15/0.03	0.15/0.03	0.15/0.03	0.25/0.00	0.25/0.00	0.25/0.00
<b>Max. frames per second</b>	25/30	25/30	25/30	25/30	25/30	25/30	25/30	25/30
<b>Audio support/ Built-in mic</b>	✓ / ✓	✓ / -	✓ / ✓	✓ / -	✓ / ✓	✓ / ✓	✓ / ✓	- / -
<b>Compute capabilities</b>	Machine learning processing unit	Machine learning processing unit	-	-	-	-	-	-
<b>Included analytics (for Axis analytics, see page 43)</b>	AXIS Object Analytics AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite AXIS Object Analytics AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm
<b>Power</b>	PoE Class 3, DC	PoE Class 3, DC	PoE Class 2, DC	PoE Class 2, DC	PoE Class 2, DC	PoE Class 2, DC	DC	DC
<b>In-/output ports</b>	2	2	2	2	2	-	-	-
<b>Operating temperature</b>	-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)	-20 °C to 50 °C (-4 °F to 122 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)
<b>Outdoor ready approval</b>	-	IP66/NEMA 4X	-	IP66/NEMA 4X	-	-	-	-
<b>WDR</b>	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	WDR	WDR	WDR
<b>Lightfinder</b>	✓	✓	✓	✓	✓	-	-	-
<b>Zipstream/H.264/H.265</b>	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -
<b>OptimizedIR/Built-in IR</b>	- / -	- / -	- / -	- / -	- / -	- / ✓	- / ✓	- / ✓
<b>Special features</b>	Secure boot Video streaming indicator	IK10 Secure boot Video streaming indicator	Secure boot Video streaming indicator	IK10 Secure boot Video streaming indicator	Secure boot Video streaming indicator	Built-in PIR	Built-in PIR WLAN	WLAN

## Axis fixed 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
				 NEW		 NEW	 NEW
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	Deep learning processing unit
Included analytics (for Axis analytics, see page 43)	AXIS Object Analytics 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 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)
Outdoor ready 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	Electronic image stabilization IK10 Defogging	Electronic image stabilization IK10 Defogging	Electronic image stabilization Defogging Shock detection, Scene profiles Secure boot HDMI, HD-SDI, I2C FIPS 140-2 certified TPM 2.0 module	Electronic image stabilization IK10, Defogging Built-in license plate capture assistant Support for third-party based LPR analytics	IK08 Secure boot Axis Edge Vault	IK08 Secure boot Axis Edge Vault



## Axis fixed bullet cameras

AXIS P14 Series				
	AXIS P1448-LE 	AXIS P1447-LE 	AXIS P1455-LE-3 Licence Plate Verifier Kit 	AXIS P1455-LE 
Max. video resolution	3840x2160 (8.5 MP)	3072x1728 (5.3 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	1/2.5", 2.8 - 9.8 mm, F1.6, 109° - 37°	1/2.9", 2.8 - 8.5 mm, F1.2, 104° - 36°	1/2.8", 10.9 - 29 mm, F1.7, 29° - 11°	1/2.8", 3 - 9 mm, F1.6, 114° - 37° 1/2.8", 10.9 - 29 mm, F1.7, 29° - 11°
Day and night	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.18/0.00	0.15/0.00	0.07/0.00	9 mm: 0,07/0,00 29 mm: 0,07/0,00
Max. frames per second	25/30	25/30	50/60	50/60
Optical zoom	3.5x	3x	3x	3x
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / -	✓ / -
Compute capabilities	-	-	-	Machine learning processing unit
Included analytics (for Axis analytics, see page 43)	AXIS Guard Suite Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite 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 AXIS Guard Suite Audio detection AXIS Video Motion Detection Active tampering alarm
Power	PoE Class 3	PoE Class 3	PoE Class 3	PoE Class 3
In-/output ports	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)
Outdoor ready approvals	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
Lightfinder	✓	✓	Lightfinder 2.0	Lightfinder 2.0
Zipstream/H.264/H.265	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / ✓	✓ / ✓ / ✓
OptimizedIR/Built-in IR	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓
Special features	IK10 Shock detection	IK10 Shock detection	IK10 Defogging Shock detection Secure boot Axis Edge Vault	IK10 Defogging Shock detection Secure boot Axis Edge Vault










# Unlimited possibilities.

## AXIS Q1715 Block Camera

This high-performance block camera offers always-great image quality and great details at long distances. Lightweight in design, it's easy to install in accessory housings and casings. Featuring a deep learning processing unit, it enables unique opportunities for AI analytics on the edge.

[www.axis.com/products/axis-q1715](http://www.axis.com/products/axis-q1715)

## Axis modular cameras

	AXIS F Series				
	AXIS F44 Dual Audio Input 	AXIS F41 	AXIS F34 	AXIS F4005 <sup>1</sup> 	AXIS F4005-E <sup>1</sup> 
Max. video resolution	1920x1080 (2.1 MP)	1920x1200 (2.3 MP)	1920x1080 (2.1 MP)	1920x1200 (2.3 MP)	1920x1200 (2.3 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°
Day and night	-	-	-	-	-
Min. illumination (lux) Color/B&W	-	-	-	0.3/-	0.3/-
Max. frames per second	25/30	50/60	25/30	50/60	50/60
Audio support/ Built-in mic	✓ / -	✓ / -	- / -	- / -	- / -
Included analytics (for Axis analytics, see page 43)	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)
Outdoor ready approvals	-	-	-	-	IP66
WDR	Forensic Capture	Forensic Capture	Dynamic contrast	Forensic Capture <sup>2</sup>	Forensic Capture <sup>2</sup>
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

1. For use with AXIS F Main Units  
2. With AXIS F41/AXIS F44 Main Unit

## Axis modular cameras

	AXIS F Series					
	AXIS F1035-E <sup>1</sup>	AXIS F1025 <sup>1</sup>	AXIS F1015 <sup>1</sup>	AXIS F1005-E <sup>1</sup>	AXIS F1004 <sup>1</sup> AXIS F1004 Bullet <sup>1</sup>	AXIS F1004 Pinhole <sup>1</sup>
						
<b>Max. video resolution</b>	1920x1200 (2.3 MP)	1920x1200 (2.3 MP)	1920x1200 (2.3 MP)	1920x1200 (2.3 MP)	1280x720 (1 MP)	1280x720 (1 MP)
<b>Sensor size/Lens/ Horizontal field of view</b>	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°
<b>Day and night</b>	-	-	-	-	-	-
<b>Min. illumination (lux) Color/B&amp;W</b>	0.3/-	0.3/-	0.3/-	0.3/-	0.4/-	0.5/-
<b>Max. frames per second</b>	50/60	50/60	50/60	50/60	25/30	25/30
<b>Audio support/ Built-in mic</b>	- / -	- / -	- / -	- / -	- / -	- / -
<b>Included analytics (for Axis analytics, see page 43)</b>	-	-	-	-	-	-
<b>Power</b>	-	-	-	-	-	-
<b>In-/output ports</b>	-	-	-	-	-	-
<b>Operating temperature</b>	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-30 °C to 55 °C (-22 °F to 131 °F)	-20 °C to 50 °C (-4 °F to 122 °F)/ -20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)
<b>Outdoor ready approvals</b>	IP66/IP67/NEMA 4X	-	-	IP66/IP67/NEMA 4X	-	-
<b>WDR</b>	Forensic Capture <sup>2</sup>	Forensic Capture <sup>2</sup>	Forensic Capture <sup>2</sup>	Forensic Capture <sup>2</sup>	WDR	WDR
<b>Lightfinder</b>	-	-	-	-	-	-
<b>Zipstream/H.264/H.265</b>	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -	- / - / -
<b>Optimized IR/Built-in IR</b>	- / -	- / -	- / -	- / -	- / -	- / -
<b>Special features</b>	Fisheye lens Suited for onboard surveillance	Pinhole lens	Varifocal lens	Standard lens Suited for onboard surveillance	Standard lens	Pinhole lens












1. For use with AXIS F Main Units  
2. With AXIS F41/AXIS F44 Main Unit

## Axis modular cameras

	AXIS FA Series								
	AXIS FA54	AXIS FA51-B	AXIS FA51	AXIS FA4115 <sup>1</sup>	AXIS FA4090-E <sup>1</sup>	AXIS FA3105-L <sup>1</sup>	AXIS FA1125 <sup>1</sup>	AXIS FA1105 <sup>1</sup>	AXIS FA1080-E <sup>1</sup>
									
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 analytics (for Axis analytics, see page 43)	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)
Outdoor ready 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	Barebone Supports 1 sensor unit Memory card slot HDMI™ Axis Edge Vault	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 P1264	AXIS P1254	AXIS P1245	AXIS P1244	AXIS P1224-E	AXIS P1214	AXIS P1214-E
											
<b>Max. video resolution</b>	208x156	208x156	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)	1280x720 (1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)	1280x720 (1 MP)	1280x720 (1 MP)	1280x720 (1 MP)
<b>Sensor size/Lens/ Horizontal field of view</b>	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°	1/4", 3.7 mm, F2.5, 57°	1/4", 2.1 mm, F2.2, 102°	1/2.9", 2.8 mm, F2.0, 111°	1/4", 2.1 mm, F2.2, 102°	1/4", 1.56 mm, F2.8, 145°	1/4", 3.7 mm, F2.5, 57°	1/4", 2.8 mm, F2.0, 81°
<b>Day and night</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Min. illumination (lux) Color/B&amp;W</b>	-	-	0.22/-	0.27/-	0.5/-	0.4/-	0.22/-	0.4/-	1.8/-	1.2/-	1.0/-
<b>Max. frames per second</b>	8.3	8.3	25/30	25/30	25/30	25/30	25/30	25/30	25/30	25/30	25/30
<b>Sensitivity</b>	NETD < 100 mK	NETD < 100 mK	-	-	-	-	-	-	-	-	-
<b>Detection range (m/yard)</b>	166/182 <sup>1</sup> 511/559 <sup>2</sup>	166/182 <sup>1</sup> 511/559 <sup>2</sup>	-	-	-	-	-	-	-	-	-
<b>Audio support/ Built-in mic</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Included analytics (for Axis analytics, see page 43)</b>	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	AXIS Video Motion Detection, Active tampering alarm	AXIS Video Motion Detection, Active tampering alarm	AXIS Video Motion Detection, Active tampering alarm	AXIS Video Motion Detection, Active tampering alarm	AXIS Video Motion Detection, Active tampering alarm	AXIS Video Motion Detection, Active tampering alarm
<b>Power</b>	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2	PoE Class 2, DC	PoE Class 2, DC	PoE Class 2, DC
<b>In-/output ports</b>	-	-	-	-	-	-	-	-	1/1	1/1	1/1
<b>Operating temperature</b>	Main unit: -20 °C to 50 °C (-4 °F to 122 °F) Thermal sensor unit: -30 °C to 55 °C (-22 °F to 131 °F)	Main unit: -20 °C to 50 °C (-4 °F to 122 °F) Thermal sensor unit: -30 °C to 55 °C (-22 °F to 131 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)
<b>Outdoor ready approvals</b>	IP66/IP67	IP66/IP67	-	-	-	-	-	-	IP66/NEMA 4X	-	IP66/NEMA 4X
<b>WDR</b>	-	-	Forensic Capture	Forensic Capture	WDR	WDR	Forensic Capture	WDR	-	-	-
<b>Lightfinder</b>	-	-	-	-	-	-	-	-	-	-	-
<b>Zipstream/H.264/H.265</b>	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	- / ✓ / -	- / ✓ / -	- / ✓ / -
<b>OptimizedIR/Built-in IR</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Special features</b>	Thermal palettes	Thermal palettes	Varifocal lens	Pinhole lens	Pinhole lens	Standard lens	Standard lens	Standard lens	Standard lens	Pinhole lens	Pinhole 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 fixed dome cameras





	AXIS Q92 Series	AXIS Q38		AXIS Q35 Series	
	AXIS Q9216-SLV 	AXIS Q3819-PVE 	AXIS Q3538-LVE 	AXIS Q3536-LVE  <span style="color: green; font-weight: bold;">NEW</span>	AXIS Q3517-SLVE  <span style="color: green; font-weight: bold;">NEW</span>
Max. video resolution	2304x1728 (4 MP)	8192x1728 (14 MP)	3840x2160 (8.3 MP)	2688x1512 (4.1 MP)	3072x2048 (6.3 MP)
Sensor size/Lens/ Horizontal field of view	1/2.5", 2.4 mm, F2.0, 125°	1/2.5", 5.9 mm, F1.88 180°	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, F1.7 40°–15°	1/1.8", 4.3 – 8.6 mm, F1.5, 96° – 50°
Day and night	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.23/0.05	0.016/0.06	0.07/0.00	0.06/0.00	0.12/0.00
Max. frames per second	25/30	25/30	50/60	50/60	50/60
Audio support/ Built-in mic	✓ / ✓	✓ / -	✓ / -	✓ / -	✓ / -
Compute capabilities	-	-	Deep learning processing unit	Deep learning processing unit	-
Included analytics (for Axis analytics, see page 43)	Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite 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 Guard Suite Audio detection AXIS Video Motion Detection Active tampering alarm
Power	PoE Class 3	PoE Class 4	PoE Class 4, DC	PoE Class 4, DC	PoE Class 3, DC
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 60 °C (-58 °F to 140 °F)	-50 °C to 60 °C (-58 °F to 140 °F)	-50 °C to 55 °C (-58 °F to 131 °F)
Outdoor ready approvals	IP66/ IP6K9K/NEMA 4X	IP66/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X
WDR	WDR	Forensic 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	Anti-ligature, IK10+ Stainless steel Polygonal privacy masking Shock detection	Axis Edge Vault 1 IP address IK10 Vertical FoV 38 Pan/Tilt/Roll motors	Axis Edge Vault, Secure boot, FIPS 140-2 certified TPM 2.0 module, Electronic image stabilization, Defogging, IK10+, IP6K9K, Shock detection, Aluminum casing	Axis Edge Vault, Secure boot, FIPS 140-2 certified TPM 2.0 module, Electronic image stabilization, Defogging, IK10+, IP6K9K, Shock detection, Aluminum casing,	Electronic image stabilization Defogging IK10+ IP6K9K Shock detection Stainless steel casing

## Axis fixed dome cameras



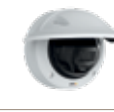



	AXIS P91 Series		AXIS P39 Series			
	AXIS P9106-V	AXIS P3935-LR	AXIS P3925-R	AXIS P3925-LRE	AXIS P3905-R Mk II	AXIS P3904-R Mk II
						
Max. video resolution	4:3 ratio: 2016x1512 (3MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)
Sensor size/Lens/ Horizontal 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 analytics (for Axis analytics, see page 43)	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)
Outdoor ready approvals	IP66	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/IP6K9K/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X
WDR	WDR	Forensic WDR	Forensic WDR	Forensic WDR	Forensic Capture	Forensic Capture
Lightfinder	-	✓	✓	✓	✓	✓
Zipstream/H.264/H.265	✓ / ✓ / -	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / -	✓ / ✓ / -
Optimized IR/Built-in IR	- / -	- / ✓	- / -	- / ✓	- / -	- / -
Special features	PoE over 2-wire IK10 Anti-ligature	EN50155, EN45545, and NFPA 130 compliance Electronic Image Stabilization Shock detection 45 fps in 720p IK10 Secure boot Suited for onboard surveillance	EN50155, EN45545, and NFPA 130 compliance Electronic Image Stabilization Shock detection 45 fps in 720p IK10 Secure boot Suited for onboard surveillance	EN50155, EN45545 compliance Electronic Image Stabilization Shock detection 45 fps in 720p IK10+ Secure boot Suited for exterior onboard monitoring	EN50155 compliance IK08 Suited for onboard surveillance	EN50155 compliance IK08 Suited for onboard surveillance










## Axis fixed dome cameras

	AXIS P38 Series		AXIS P37 Series		
	AXOS P3818-PVE 	AXIS P3807-PVE 	AXIS P3727-PLE 	AXIS P3719-PLE 	AXIS P3715-PLVE 
Max. video resolution	5120 x2560	4 x 1920x1080 (8.3 MP)	4x 1920x1080	4x 2560x1440 (15 MP)	2x 1920x1080p (2x2 MP)
Sensor size/Lens/ Horizontal field of view	1/2.8", 3.2 mm, F2.0 180°	4 x 1/2.9", 3.2 mm, F2.0, 180°	1/2.8", 3.2mm, F2.0 180°	4 x 1/2.5", 3-6 mm, F1.8-2.6, 4x 101° - 49°	2 x 1/2.8"3 - 6 mm, F1.8 -2.6, 95° - 48°
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	0.17/0.00
Max. frames per second	25/30	25/30	25/30	25/30	25/30
Audio support/ Built-in mic	✓ / -	- / -	✓ (T61) / -	- / -	- / -
Included analytics (for Axis analytics, see page 43)	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 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 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)	-30 °C to 50 °C (-22 °F to 122 °F)
Outdoor ready approvals	IP66/67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA 4X	IP66/IP67/NEMA4X	IP66/IP67/NEMA4X
WDR	Forensic WDR	Forensic WDR	Forensic WDR	WDR	Forensic WD
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	1 IP address IK09 Remote zoom & focus 2 SD card slots Quad view Individually controllable IR LEDs	1 IP address IK10 Remote zoom & focus 1 SD card slot Individually controllable IR LEDs







## Axis fixed dome cameras

AXIS P32 Series										
	AXIS P3265-LVE 	AXIS P3265-LV 	AXIS P3265-V 	AXIS P3255-LVE 	AXIS P3248-LV <i>This product will soon be replaced</i> 	AXIS P3248-LVE <i>This product will soon be replaced</i> 	AXIS P3247-LV <i>This product will soon be replaced</i> 	AXIS P3247-LVE <i>This product will soon be replaced</i> 	AXIS P3245-LVE-3 Licence Plate Verifier Kit 	AXIS P3245-LVE 
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	3840x2160 (8.3 MP)	3840x2160 (8.3 MP)	2592x1944 (5.0 MP)	2592x1944 (5.0 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	1/2.8", 3.4–8.9 mm, F1.8, 100°–36°	1/2.8", 3.4–8.9 mm, F1.8, 100°–36°	1/2.8", 3.4–8.9 mm, F1.8, 100°–36°	1/2.8", 3.4 – 8.9 mm, F1.8, 100° – 36°	1/1.8", 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°	22 mm: 1/2.8", 9–22 mm, F1.6, 35° – 15°
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	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	50/60
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -	✓ / -
Compute capabilities	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	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 analytics (for Axis analytics, see page 43)	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite 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 AXIS Guard Suite 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	PoE Class 3
In-/output ports	1/1	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)	-40 °C to 50 °C (-40 °F to 122 °F)
Outdoor ready approvals	IP66/NEMA 4X	-	-	IP66/NEMA 4X	-	IP66/NEMA 4X	-	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X
WDR	Forensic 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	Lightfinder 2.0
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓
OptimizedIR/ Built-in IR	✓ / ✓	✓ / ✓	- / -	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓
Special features	IK10 Secure boot Axis Edge Vault	IK10 Secure boot Axis Edge Vault	IK10 Secure boot Axis Edge Vault	IK10 Secure boot Axis Edge Vault	IK10 Secure boot Axis Edge Vault	IK10 Secure boot Axis Edge Vault	IK10 Secure boot Axis Edge Vault	IK10 Secure boot Axis Edge Vault	IK10 Secure boot	IK10 Secure boot






## Axis fixed dome cameras

	AXIS M43	AXIS M42 Series		AXIS M32 Series		AXIS M31 Series	
	AXIS M4308-PLE 	AXIS M4216-V  NEW	AXIS M4216-LV  NEW	AXIS M3206-LVE 	AXIS M3205-LVE 	AXIS M3116-LVE 	AXIS M3115-LVE 
Max. video resolution	3584x2688 (12 MP)	2304x1728 (4 MP)	2304x1728 (4 MP)	2304x1728 (4 MP)	1920x1080 (2.1 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°	1/2.5", 2.9 mm, F2.0, 105°	1/2.9", 3.1 mm, F2.0, 100°	1/2.7", 2.4 mm, F2.1, 130°	1/2.9", 2.8 mm, F2.0, 105°
Day and night	✓	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.19/0.04	0.18/0.03	0.18/0.00	0.22/0.00	0.2/0.00	0.19/0.00	0.17/0.00
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	Deep learning processing unit	Deep learning processing unit	Deep learning processing unit	-	-	-	-
Included analytics (for Axis analytics, see page 43)	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 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 4	PoE Class 2	PoE Class3	PoE Class 3	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)	-30 °C to 50 °C (-22 °F to 122 °F)	-30 °C to 50 °C (-22 °F to 122 °F)
Outdoor ready approvals	IP66-, NEMA 250 Type 4X, NEMA TS 2 (2.2.7-2.2.9)	-	-	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X
WDR	Forensic WDR	WDR	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	HDMI IK08 Secure boot Axis Edge Vault	HDMI IK08 Secure boot Axis Edge Vault	HDMI IK08	HDMI IK08	IK08 Secure boot	IK08 Secure boot







## Axis fixed dome cameras

AXIS M30 Series						
	AXIS M3075-V 	AXIS M3068-P 	AXIS M3067-P 	AXIS M3066-V 	AXIS M3065-V 	AXIS M3064-V 
Max. video resolution	1920x1080 (2.1 MP)	2880x2880 (12 MP)	2016x2016 (6 MP)	2304x1728 (4 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)
Sensor size/Lens/ Horizontal field of view	1/2.9", 3.1 mm, F2.0, 102°	1/1.7", 1.65 mm, F2.8, 185°	1/1.8", 1.56 mm, F2.0, 185°	1/2.5", 2.4 mm, F2.1, 131°	1/2.9", 3.1 mm, F2.0, 102°	1/2.9", 3.1 mm, F2.0, 83°
Day and night	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.2/0.04	0.32/0.06	0.18/0.04	0.23/0.05	0.2/0.04	0.2/0.04
Max. frames per second	25/30	25/30	50/60	25/30	25/30	25/30
Audio support/ Built-in mic	✓/✓	-/-	-/-	-/-	-/-	-/-
Included analytics (for Axis analytics, see page 43)	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	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm
Power	PoE Class 1	PoE Class 2	PoE Class 2	PoE Class 1	PoE Class 1	PoE Class 1
In-/output ports	-	-	-	-	-	-
Operating temperature	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)
Outdoor ready approvals	-	-	-	-	-	-
WDR	WDR	Forensic WDR	Forensic WDR	WDR	WDR	WDR
Lightfinder	-	-	✓	-	-	-
Zipstream/H.264/H.265	✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/✓/✓
OptimizedIR/ Built-in IR	-/-	-/-	-/-	-/-	-/-	-/-
Special features	HDMI IK08	Dewarped views	Dewarped views	HDMI IK08	HDMI IK08	IK08








## Axis fixed dome cameras

	AXIS M30 Series				
	AXIS M3077-PLVE 	AXIS M3058-PLVE 	AXIS M3057-PLVE Mk II 	AXIS M3016 	AXIS M3015 
Max. video resolution	2016x2016 ( 6 MP image sensor)	2992x2992 (12 MP Image sensor)	2048x2048 (6 MP Image sensor)	2016x1512 (3 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	1/1.8", 1.6 mm, F2.0, 183°	1/1.7", 1.3 mm, F2.2, 181°	1/1.8", 1.6 mm, F2.0, 185°	1/3", 1.8 mm, F2.4, 152°	1/3", 2.8 mm, F2.0, 106°
Day and night	✓	✓	✓	-	-
Min. illumination (lux) Color/B&W	0.16/0.00	0.19/0.00	0.16/0.00	0.35	0.25
Max. frames per second	25/30	25/30	50/60	25/30	25/30
Audio support/ Built-in mic	✓/✓	-/-	-/-	-/-	-/-
Included analytics (for Axis analytics, see page 43)	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 3	PoE Class 3	PoE Class 1	PoE Class 1
In-/output ports	1/1	1/1	1/1	-	-
Operating temperature	-40 °C to 50 °C (-40 °F to 122 °F)	-40 °C to 50 °C (-40 °F to 122 °F)	-40 °C to 50 °C (-40 °F to 122 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 45 °C (32 °F to 113 °F)
Outdoor ready approvals	IP66/NEMA4X	IP66/NEMA 4X	IP66/NEMA 4X	-	-
WDR	Forensic WDR	Forensic WDR	Forensic WDR	WDR	WDR
Lightfinder	✓	✓	✓	-	-
Zipstream/H.264/H.265	✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/✓/✓	✓/✓/✓
OptimizedIR/Built-in IR	✓/✓	✓/✓	✓/✓	-/-	-/-
Special features	HDMI IK10 Dewarped views Axis Edge Vault	HDMI IK10 Dewarped views	HDMI IK10 Dewarped views Axis Edge Vault	-	-

## Axis pan/tilt/zoom cameras







	AXIS Q63	AXIS Q62	AXIS Q61 Series				
	AXIS Q6315-LE 	AXIS Q6215-LE 	AXIS Q6155-E 	AXIS Q6154-E 	AXIS Q6135-LE PTZ 	AXIS Q6128-E 	AXIS Q6100-E 
Max. video resolution	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)	1920x1080 (2.1 MP)	3840x2160 (8.3 MP)	2592x1944 (20.4 MP)
Sensor size/Lens/ Horizontal field of view	1/1.7", 6.91 – 214.64 mm, F1.36 – F4.6 60.6° – 2.0°	1/1.9", 6.7 – 201 mm, F1.6 – 5.3 58.6° – 2.2°	1/2.8", 4.3 – 129 mm, F1.6 – 4.7, 66.7° – 2.36°	1/2.8", 4.3 – 129 mm, F1.6 – 4.7 66.7° – 2.36°	1/2.8", 4.3–137.6 mm, F1.4 – 4.0 58.3° – 2.4°	1/2.3", 3.9 – 46.8 mm, F1.8 – 2.0, 70.7° – 6.2°	2.8 mm, F2, 360°
Day and night	✓	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.06/0.001	0.07/0.00	0.15/0.01	0.15/0.01	0.06/0.00	0.45/0.03	0.3/0.03
Max. frames per second	50/60	50/60	50/60	50/60	50/60	50/60	20
Optical zoom	31	30	30	30	32	12	-
Audio support/ Built-in mic	- / -	- / -	- / -	- / -	- / -	- / -	-
Included analytics (for Axis analytics, see page 43)	AXIS Object Analytics AXIS Guard Suite 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 Guard Suite Active Gatekeeper Autotracking AXIS Video Motion Detection Active tampering alarm	Axis Object Analytics AXIS Guard Suite Active Gatekeeper Autotracking AXIS Video Motion Detection	AXIS Guard Suite Active Gatekeeper Autotracking AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite Autopilot
Power	PoE Class 6, High PoE SFP midspan included	PoE Class 4, 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 Class 4, High PoE SFP midspan included	PoE
In-/output ports	-	-	-	-	-	-	-
Operating temperature	-50 °C to 50 °C (-58 °F to 122 °F)	-50 °C to 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)	-50 °C to 50 °C (-58 °F to 122 °F)
Outdoor ready approvals	IP66/NEMA4X	IP66/IP68/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X
WDR	Forensic WDR	WDR	Forensic Capture	Forensic Capture	Forensic Capture	-	WDR
Lightfinder	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 Built-in wiper MIL-STD-810G IK10 Shock detection	Electronic image stabilization Focus recall IK08 Laser focus, Sharpdome Speed dry Shock detection	Electronic image stabilization Focus recall IK08 Laser focus, Sharpdome Speed dry Shock detection	Electronic image stabilization Focus recall Defogging IK08 Sharpdome Speed dry Shock detection	Electronic image stabilization Focus recall Defogging IK08 Sharpdome Speed dry Shock detection	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 analytics (for Axis analytics, see page 43)	AXIS Object Analytics AXIS Guard Suite Active gatekeeper Autotracking 2 AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite Active gatekeeper Autotracking 2 AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite Active gatekeeper Autotracking 2 AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite Active gatekeeper Autotracking 2 AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics, AXIS Guard Suite Active Gatekeeper Audio detection Autotracking AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite 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)
Outdoor ready approvals	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X/6P	IP66/IP67/NEMA 4X	-	IP66/IP67/NEMA 4X	IP66/NEMA 4X
WDR	WDR	WDR	WDR	WDR	WDR	WDR	WDR
Lightfinder	-	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	Lightfinder 2.0	-
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / ✓
Optimized IR/Built-in IR	- / -	- / -	- / -	- / -	- / -	- / -	- / -
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	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		AXIS P56 Series		AXIS P54 Series	
	AXIS V5938 	AXIS V5925 	AXIS P5655-E 	AXIS P5654-E 	AXIS P5415-E 	AXIS P5414-E 
Max. video resolution	3840x2160 (8MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)	1920x1080 (2.1 MP)	1280x720 (1 MP)
Sensor size/Lens/ Horizontal field of view	1/2.5", 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°	1/2.8", 4.3 – 137.6 mm, F1.4 – 4.0, 58.7° – 2.4°	1/2.8", 4.0 – 84.6 mm, F1.6 – 4.5, 77.0° – 3.6°	1/2.8", 4.7 – 84.6 mm, F1.6 – 2.8, 59° – 4°	1/2.8", 4.7 – 84.6 mm, F1.6 – 2.8, 59° – 4°
Day and night	✓	✓	✓	✓	✓	✓
Min. illumination (lux) Color/B&W	0.7/0.06	1.0/0.03	0.1/0.01	0.1/0.01	0.5/0.04	0.4/0.04
Max. frames per second	25/30	50/60	50/60	50/60	25/30	25/30
Optical zoom	20	30	32	21	18	18
Audio support/ Built-in mic	✓ / -	✓ / -	✓ / -	- / -	✓ / -	✓ / -
Included analytics (for Axis analytics, see page 43)	AXIS Video Motion Detection Active tampering alarm	AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite Advanced Gatekeeper Audio detection AXIS Video Motion Detection Active tampering alarm	AXIS Object Analytics AXIS Guard Suite Advanced Gatekeeper AXIS Video Motion Detection Active tampering alarm	Advanced Gatekeeper Audio detection AXIS Video Motion Detection Active tampering alarm	Advanced Gatekeeper Audio detection
Power	DC	DC	PoE Class 4, AC, DC	PoE Class 4	PoE Class 4, DC	PoE Class 4, DC
In-/output ports	2	2	4	-	4	4
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	-30 °C to 50 °C (-22 °F to 122 °F)	-30 °C to 50 °C (-22 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)	-20 °C to 50 °C (-4 °F to 122 °F)
Outdoor ready approvals	-	-	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X
WDR	-	-	Forensic WDR	Forensic WDR	-	-
Lightfinder	-	-	Lightfinder 2.0	Lightfinder 2.0	-	-
Zipstream/H.264/H.265	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / ✓	- / ✓ / -	- / ✓ / -
Optimized IR/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 Defogging Focus recall IK10 Secure boot Shock detection	Electronic image stabilization Defogging Focus recall IK10 Secure boot	Direct drive pan/tilt system	Direct drive pan/tilt system

## Axis pan/tilt/zoom cameras

	AXIS M55		AXIS M50 Series			
	AXIS M5525-E 	AXIS M5065 <small>Only sold in North America, Japan and Europe</small> 	AXIS M5055 	AXIS M5054 	AXIS M5000  <small>NEW</small>	AXIS M5000-G  <small>NEW</small>
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°	1/4.85", 2.2 - 11.0 mm, F1.4 - 2.5, 71° - 14°	1/4.85", 2.2 - 11.0 mm, F1.4 - 2.5, 71° - 14°	1/4.85", 2.2 - 11.0 mm, F1.4 - 2.5, 71° - 14°	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	1.2/-	1.2/-	0.9/-	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	25/30	25/30	25/30	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 analytics (for Axis analytics, see page 43)	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)
Outdoor ready approvals	IP66/NEMA 4X	-	-	-	-	-
WDR	Forensic Capture	WDR	WDR	WDR	Forensic Capture	Forensic Capture
Lightfinder	-	-	-	-	-	-
Zipstream/H.264/H.265	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / ✓	✓ / ✓ / ✓
Optimized IR/Built-in IR	- / -	- / -	- / -	- / -	- / -	- / -
Special features	Scene profiles IK09	Wireless I/O connectivity with Z-Wave Plus® devices	Autofocus	Autofocus	-	Wireless I/O connectivity with Z-Wave devices

## Axis pan/tilt/zoom cameras

	AXIS Q87 Series		AXIS Q86 Series			
	AXIS Q8752-E, zoom	AXIS Q8752-E	AXIS Q8685-E	AXIS Q8685-LE	AXIS Q8642-E	AXIS Q8641-E
						
<b>Max. video resolution</b>	Visual: 1920x1080 Thermal: 640x480	Visual: 1920x1080 Thermal: 640x480	1920x1080	1920x1080	640x480	384x288
<b>Sensor size/Lens/ Horizontal field of view</b>	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°	1/2.8", 4.3–129 mm, F1.6–4.7 65.6° – 2°	1/2.8", 4.3–129 mm, F1.6–4.7 65.6° – 2°	Uncooled microbolometer Athermalized 60 mm, F1.25 10°	Uncooled microbolometer Athermalized 35 mm, F1.2 10.7°
<b>Day and night</b>	✓	✓	✓	✓	-	-
<b>Min. illumination (lux) Color/B&amp;W</b>	Visual: 0.1/0.02	Visual: 0.1/0.02	0.2/0.01	0.2/0.01	-/-	-/-
<b>Max. frames per second</b>	Visual: 50/60 Thermal: 8.3/30 <sup>1</sup>	Visual: 50/60 Thermal: 8.3/30 <sup>1</sup>	50/60	50/60	8.3/30 <sup>1</sup>	8.3/30 <sup>1</sup>
<b>Pan/Tilt</b>	360° endless / -90° to 45° -45° to 90° (inverted configuration)	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° -45° to 90° (inverted configuration)	360° endless / -90° to 45°	360° endless / -90° to 45°
<b>Optical zoom</b>	Visual: 32 Thermal: 3	Visual: 32	30	30	-	-
<b>Sensitivity</b>	Thermal: NETD < 50 mK	Thermal: NETD < 50 mK	-	-	NETD < 50 mK	NETD < 70 mK
<b>Included analytics (for Axis analytics, see page 43)</b>	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 Advanced gatekeeper AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite Advanced gatekeeper AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection	AXIS Guard Suite AXIS Video Motion Detection
<b>Power</b>	24 V AC/DC	24 V AC/DC	24 V AC/DC	24 V AC/DC	24 V AC/DC	24 V AC/DC
<b>In-/output ports</b>	4	4	4	4	4	4
<b>Operating temperature</b>	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 55 °C (-40 °F to 131 °F)	-50 °C to 55 °C (-58 °F to 131 °F)	-50 °C to 55 °C (-58 °F to 131 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)
<b>Outdoor ready approvals</b>	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X	IP66/NEMA 4X
<b>WDR</b>	Visual: Forensic WDR	Visual: Forensic WDR	Forensic Capture	Forensic Capture	-	-
<b>Lightfinder</b>	Lightfinder 2.0	Lightfinder 2.0	-	-	-	-
<b>Zipstream/H.264/H.265</b>	✓ / ✓ / ✓	✓ / ✓ / ✓	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -
<b>Optimized IR/Built-in IR</b>	- / -	- / -	- / -	- / ✓	- / -	- / -
<b>Special features</b>	FIPS 140-2 level 2 certified TPM, IK10 Secure boot Axis Edge Vault Electronic image stabilization <sup>2</sup> 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 <sup>2</sup> RJ45 and SFP interfaces Thermal palettes Defogging, Built-in wiper Visual channel: Focus recall	Electronic image stabilization Shock detection Focus recall RJ45 and SFP interfaces	Electronic image stabilization Shock detection Focus recall RJ45 and SFP interfaces	Electronic image stabilization Shock detection SFP slot Thermal palettes	Electronic image stabilization Shock detection SFP slot Thermal palettes

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 thermal cameras

	AXIS Q29 Temperature Alarm Camera Series				AXIS Q19 Thermal Camera Series			
	AXIS Q2901-E	AXIS Q2901-E PT Mount	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	336x256	336x256	640x480	384x288	640x480	640x480	384x288	384x288
Sensor size/ Lens/ Horizontal field of view	Uncooled microbolometer Athermalized lens 9 mm, F1.25, 35° 19 mm, F1.25, 17°	Uncooled microbolometer Athermalized lens 9 mm, F1.25, 35° 19 mm, F1.25, 17°	Uncooled microbolometer Athermalized lens 10 mm, 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	8.3	8.3/30 <sup>1</sup>	8.3/30 <sup>1</sup>	8.3/30 <sup>1</sup>	8.3/30 <sup>1</sup>	8.3/30 <sup>1</sup>	8.3/30 <sup>1</sup>
Object temperature range	-40 °C to 550 °C (-40 °F to 1022 °F)	-40 °C to 550 °C (-40 °F to 1022 °F)			-	-	-	-
Sensitivity	NETD < 50 mK	NETD < 50 mK	NETD < 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 <sup>2</sup> 892/978 <sup>3</sup> 19 mm: 573/627 <sup>2</sup> 1757/1921 <sup>3</sup> 35 mm: 1079/1179 <sup>2</sup> 3307/3617 <sup>3</sup>	7 mm: 200/219 <sup>2</sup> 613/671 <sup>3</sup> 13 mm: 393/430 <sup>2</sup> 1205/1318 <sup>3</sup> 19 mm: 567/620 <sup>2</sup> 1739/1902 <sup>3</sup> 35 mm: 1028/1124 <sup>2</sup> 3153/3448 <sup>3</sup>	60 mm: 1833/2005 <sup>2</sup> 5623/6149 <sup>3</sup>	10 mm: 291/318 <sup>2</sup> 892/978 <sup>3</sup> 19 mm: 573/627 <sup>2</sup> 1757/1921 <sup>3</sup> 35 mm: 1079/1179 <sup>2</sup> 3307/3617 <sup>3</sup> 60 mm: 1833/2005 <sup>2</sup> 5623/6149 <sup>3</sup>	60 mm: 1774/1940 <sup>2</sup> 5441/5951 <sup>3</sup>	7 mm: 200/219 <sup>2</sup> 613/671 <sup>3</sup> 13 mm: 393/430 <sup>2</sup> 1205/1318 <sup>3</sup> 19 mm: 567/620 <sup>2</sup> 1739/1902 <sup>3</sup> 35 mm: 1028/1124 <sup>2</sup> 3153/3448 <sup>3</sup> 60 mm: 1774/1940 <sup>2</sup> 5441/5951 <sup>3</sup>
Audio support/ Built-in mic	✓ / -	- / -	✓ / -	✓ / -	✓ / -	- / -	✓ / -	- / -
Included analytics (for Axis analytics, see page 43)	AXIS Video Motion Detection Active tampering alarm Audio detection	AXIS Video Motion Detection Active tampering alarm	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, 24 V AC/DC	PoE Class 3, 24 V AC/DC	PoE Class 3, 12 - 28 V DC	PoE Class 3, 12 - 28 V DC	PoE Class 3, 24 V AC/DC	PoE Class 3, 24 V AC/DC	PoE Class 3, 24 V AC/DC	PoE Class 3, 24 V AC/DC
In-/output ports	2	-	1/1	1/1	2	-	2	-
Operating temperature	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)
Outdoor ready approvals	IP66/IP67/NEMA 4X	IP66/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 palette Thermal palettes Shock detection	Isothermal palette Thermal palettes Shock detection RS485/RS422 for pan/tilt control	Electronic image stabilization Thermal palettes Signed firmware Secure boot Axis Edge Vault FIPS 140-2 level 2 certified TPM IK10	Electronic image stabilization Thermal palettes Signed firmware 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





## Explosion-protected cameras

	Temperature Alarm		Thermal Positioning	Visual Positioning	Visual PTZ	
	XF60-Q2901	XF40-Q2901	XP40-Q1942	XP40-Q1785	ExCam XPT Q6075	D201-S XPT Q6075
						
Max. video resolution	336x256	336x256	640x480	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Sensor size/Lens/ Horizontal field of view	Uncooled microbolometer Athermalized 19 mm, F1.25, 17°	Uncooled microbolometer Athermalized 19 mm, F1.25, 17°	Uncooled microbolometer Athermalized 19 mm, F1.23, 32°	1/2.8", 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, 62.8° - 2.23°
Min. illumination (lux) Color/B&W	-/-	-/-	-/-	0.16/0.03	0.1/0.002	0.1/0.092
Max. frames per second	8.3	8.3	8.3	50/60	50/60	50/60
Object temperature range	-40 °C to 550 °C (-40 °F to 1022 °F)	-40 °C to 550 °C (-40 °F to 1022 °F)	-	-	-	-
Sensitivity	NETD < 50 mK	NETD < 50 mK	NETD < 50 mK	-	-	-
Detection range (m/yd.)	-	-	567/620 <sup>2</sup> 1739/1902 <sup>3</sup>	-	-	-
Optical zoom	-	-	-	32	40	40
Included analytics (for Axis analytics, see page 43)	AXIS Video Motion Detection Active tampering alarm	AXIS Video Motion Detection Active tampering alarm	AXIS Video Motion Detection	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite Active Gatekeeper Autotracking AXIS Video Motion Detection Active tampering alarm	AXIS Guard Suite Active Gatekeeper Autotracking 2 Standard analytics
Power	110 VAC	24 VAC	24 VAC / 110 VAC	24 VAC / 110 VAC / 230 VAC	PoE Class 4 + 24 VDC SFP midspan included	PoE Class 4, High PoE, SFP midspan included
In-/output ports	-	-	-	-	-	-
Operating temperature	-50 °C to 70 °C (-58 °F to 158 °F)	-40 °C to 70 °C (-40 °F to 158 °F) -60 C model: -60 °C to 40 °C (-76 °F to 104 °F) -50 C UL model: -50 °C to 70 °C (-58 °F to 158 °F)	-40 °C to 70 °C (-40 °F to 158 °F) -60 C model: -60 °C to 40 °C (-76 °F to 104 °F) -50 C UL models: -50 °C to 70 °C (-58 °F to 158 °F)	-40 °C to 60 °C (-40 °F to 140 °F) -60 C models: -60 °C to 40 °C (-76 °F to 104 °F) UL models: -50 °C to 60 °C (-58 °F to 140 °F)	-50 °C to 50 °C (-58 °F to 122 °F) (Intermittent up to 60 °C/140 °F)	-20 °C to 55 °C (-4 °F to 131 °F)
Outdoor ready approvals	IP66/IP67	IP66/IP67	IP66/IP67	IP66/IP67	IP66/IP67/IP68	IP66/IP67
WDR	-	-	-	Forensic WDR	WDR	Forensic WDR
Lightfinder	-	-	-	✓	Lightfinder 2.0	Lightfinder 2.0
Zipstream/H.264/H.265	- / - / -	- / - / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / -	✓ / ✓ / ✓
Special features	316L stainless steel NEC, CEC Shock detection	316L stainless steel NEC, CEC, CSA, ATEX, IECEx, EAC Ex, INMETRO, IA, CCOE, KCs, CNEX Shock detection	316L stainless steel NEC, CEC, CSA, ATEX, IECEx, EAC Ex, INMETRO, IA, CCOE, KCs, CNEX Electronic image stabilization Shock detection	316L stainless steel NEC, CEC, CSA, ATEX, IECEx, EAC Ex, INMETRO, IA, CCOE, KCs, CNEX	316L stainless steel ATEX, IECEx, EAC Ex, IA Secure boot FIPS 140-2 certified TPM 2.0 module Orientation aid	316L stainless steel NEC, CEC, ATEX, IECEx, INMETRO Secure boot FIPS 140-2 certified TPM 2.0 module Orientation aid Automatic defog Focus recall










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

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

## Explosion-protected cameras

	Visual Fixed					
	XF40-Q1785 	ExCam XF Q1785 	ExCam XF Q1645 	ExCam XF P1377 	ExCam XF M3016 	D101-A XF P3807 
<b>Max. video resolution</b>	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	3072x1728 (5 MP)	2016x1512 or 2304x1296 (3MP)	4x 1920x1080 (8.3 MP)
<b>Sensor size/Lens/ Horizontal field of view</b>	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", 3.9 - 10 mm, F1.5, 109° - 42°	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)	4 x 1/2.9", 3.2 mm, F2.0, 180°
<b>Min. illumination (lux) Color/B&amp;W</b>	0.16/0.03	0.16/0.03	0.03/0.01	0.15/0.03	0.4/ -	0.17/0.05
<b>Max. frames per second</b>	25/30	25/30	100/120	180	25/30	25/30
<b>Optical zoom</b>	32	32	-	-	-	-
<b>Included analytics (for Axis analytics, see page 43)</b>	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 Video Motion Detection Active tampering alarm	AXIS Guard Suite AXIS Video Motion Detection Active tampering alarm
<b>Power</b>	PoE Class 3 + 24 VDC	PoE Class 3 + 24 VDC	PoE Class 3 + 24 VDC	PoE Class 3 + 24 VDC	PoE Class 1	PoE Class 3
<b>In-/output ports</b>	-	-	-	-	-	-
<b>Operating temperature</b>	-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)	-60 °C to 60°C (-76 °F to 140 °F)	-5 °C to 40 °C (23 °F to 104 °F)	-20 °C to 55 °C (-4 °F to 131 °F)
<b>Outdoor ready approvals</b>	IP66/IP67	IP68	IP68	IP68	IP68	IP66/IP67
<b>WDR</b>	Forensic WDR	Forensic WDR	Forensic WDR	Forensic WDR	WDR	Forensic WDR
<b>Lightfinder</b>	✓	✓	✓	✓	-	✓
<b>Zipstream/H.264/H.265</b>	✓/✓/✓-	✓/✓/✓-	✓/✓/✓-	✓/✓/✓/✓	✓/✓/✓/✓	✓/✓/✓-
<b>Special features</b>	316L stainless steel NEC, CEC Electronic image stabilization Defogging Built-in wiper	316L stainless steel ATEX, IECEx, EAC Ex, IA Electronic image stabilization Defogging Built-in wiper	316L stainless steel ATEX, IECEx, EAC Ex, IA, CCOE Certified for mining i-CS lens Remote zoom and focus	316L stainless steel ATEX, IECEx, EAC Ex, IA, PESO i-CS lens Remote zoom and focus	316L stainless steel ATEX, IECEx, EAC Ex, IA, CCOE	Aluminum enclosure NEC, CEC, ATEX, IECEx, INMETRO 4 sensors, 1 IP address Vertical FoV 90° DROP compliance

Canon network cameras

	VB-S910F	VB-M50B	VB-H45	VB-H45B	VB-M44	VB-M44B	VB-S30D Mk II	VB-S30VE	VB-S31D Mk II
	Only available in EMEA, US and Canada 		Only available in EMEA, US and Canada 	Only available in EMEA, US and Canada 	Only available in EMEA, US and Canada 	Only available in EMEA, US and Canada 	Only available in EMEA, US and Canada 		Only available in US and Canada 
Max. video resolution (pixels)	1920x1080 (2.1 MP)	1280x960 (1.3 MP)	1920x1080 (2.1 MP)		1280x960 (1.3 MP)		1920x1080 (2.1 MP)	1920x1080 (2.1 MP)	1920x1080 (2.1 MP)
Horizontal field of view	78.6° – 20.8°	15.6° – 3.2°	60.4° – 3.2°		60.4° – 3.2°		77.7° – 20.7°	77.1° – 20.6°	95°
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 1/4.85"	Progressive scan CMOS 1/4.85"	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, 20x digital zoom		4.7 – 94 mm F1.6 – F3.5 Autofocus 20x optical, 20x digital zoom		2.25 – 7.88 mm F1.4 – F2.6 Autofocus 3.5x optical, 4x digital zoom	2.25 – 7.88 mm F1.4 – F2.6 Autofocus 3.5x optical, 4x digital zoom	2.7 mm F1.6 4x digital zoom
Day and night	✓	✓	✓		✓		✓	✓	✓
Min. illumination (lux)	0.95 (Color) 0.5 (B/W)	0.04 (Color) 0.002 (B/W)	0.05 (Color) 0.003 (B/W)		0.05 (Color) 0.003 (B/W)		0.95 (Color) 0.5 (B/W)	1.0 (Color) 0.55 (B/W)	0.45 (Color) 0.25 (B/W)
Frames per second	30	30	30		30		30	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	64 presets 350° pan 90° (-90° to 0°) tilt	64 presets 350° pan 90° (-90° to 0°) tilt
Audio support	Two-way (with built-in microphone)	Two-way	Two-way		Two-way		✓	Two-way (with built-in microphone)	✓
Alarm in-/outputs	1/1	2/2	2/2		2/2		1/1	1/1	1/1
Analytics	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection Scream Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection, Intrusion Detection Volume Detection, Scream Detection		Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection, Intrusion Detection Volume Detection, Scream Detection		Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection, Scream Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection	Moving Object Detection Abandoned Object Detection Removed Object Detection Camera Tampering Detection Passing Detection Intrusion Detection Volume Detection, Scream Detection
Power	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	PoE IEEE 802.3af	PoE IEEE 802.3at Type1
Outdoor ready	-	-	-		-		-	✓	-
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	Silver	Black	Silver	Black	Motion Adaptive Noise Reduction Area-specific Data Size Reduction (ADSR) ONVIF Profile S	Motion Adaptive Noise Reduction, Area-specific Data Size Reduction (ADSR) IK10, IP66 ONVIF Profile S	Motion Adaptive Noise Reduction Area-specific Data Size Reduction (ADSR) ONVIF Profile S





# End-to-end solution with Axis video management software

Our vision for a smarter safer world comes together in our end-to-end solutions for security and surveillance. These complete Axis solutions are built with software and hardware from our large portfolio allowing you to benefit from the latest innovations and optimal performance.

[www.axis.com/solutions/end-to-end-solutions](http://www.axis.com/solutions/end-to-end-solutions)

## Video management software

### AXIS Companion Professional video surveillance made simple.



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

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

### AXIS Camera Station Protect your premises, improve your business.

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

[www.axis.com/products/axis-camera-station](http://www.axis.com/products/axis-camera-station)











	AXIS Companion	AXIS Camera Station
		
<b>General</b>		
Product compatibility	5.50 when used together with AXIS S3008 Recorder, otherwise 8.40	Axis total portfolio, third-party devices**
Supported OS	Windows, iOS, Android	Windows, iOS, Android
Licenses	Free	Licensed
Multi-site support	✓	✓
Live view	Up to 16 cameras (1,4,9 and 16 split views and full screen), Axis corridor format, camera sequence, digital PTZ, dewarp	Flexible live view configuration, support for prerecorded videos, Axis corridor format, camera sequence, digital PTZ, dewarp, door view, multiple monitors, hot spot, site map, web page, PTZ Control integration, timeline visualization with date and time
Audio streaming	Two way audio streaming, full duplex for Axis network door station calls, half duplex for other Axis devices, echo cancellation and noise reduction	Two way audio streaming, full duplex for Axis devices, one way for third party cameras, echo cancellation, and noise reduction
<b>Event management</b>		
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
<b>Security</b>		
Axis Secure remote access	✓	✓
Event log	✓	✓
<b>Investigation and export</b>		
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
<b>AXIS Camera Station Secure Entry</b>		
Access control	-	Configuration: Cardholder with photo, support for Card, PIN and Duress PIN, QR code, cardholder groups, schedule door unlock, copy door configuration, card formats, identification method. Management: Qualified for 10.000 cardholders, access rules, zones, schedules, access verification, remote door control, access control event log with video

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



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

For Axis partner applications, please visit: [www.axis.com/products/video-management-software](http://www.axis.com/products/video-management-software)

# Video recorders

	AXIS S30	AXIS S22 Series				AXIS S11 Series				
	AXIS S3008 	AXIS S2224 	AXIS S2216 	AXIS S2212 	AXIS S2208 	AXIS S1148 	AXIS S1132 	AXIS S1132 Tower 	AXIS S1116 Racked 	AXIS S1116 MT 
<b>Licenses</b>	0 included	24 included	16 included	12 included	8 included	48 included	32 included	32 included	16 included	16 included
<b>Supported RAID levels Default RAID level</b>	-	0, 1, 10 (No RAID by default)	0, 1, 10 (No RAID by default)	Not supported	Not supported	0, 1, 5, 6, 10 Default 24 TB: 5 64 TB: 5 140 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)
<b>Recording storage</b>	2 / 4 / 8 TB	12 TB (2x6 TB)	8 TB (2x4 TB)	6 TB (1x6 TB)	4 TB (1x4 TB)	24 TB: 6x4 TB (20 TB usable space after RAID) 64 TB: 8x8 TB (56 TB usable space after RAID) 144 TB: 12x12 TB (120 TB usable space after RAID)	4x 4TB (12TB usable space after RAID)	32 TB: 4x8 TB (24 TB usable space after RAID) 64 TB: 8x8 TB (56 TB usable space after RAID)	8 TB (1x8 TB)	8 TB (1x8 TB)
<b>Operating system</b>	AXIS OS	Microsoft® Windows® 10 IoT Enterprise								
<b>Validated video streams</b>	-	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	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 25 split x 360p at 15 fps Any of the above for max two 4K monitors Playback: Any of the above on one monitors	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 15 FPS 25 split x 360p at 5 FPS Any of the above for max one 4K monitor Playback: Any of the above on one monitors
<b>Validated recording bitrate and doors</b>	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 64 video channels and 128 doors 512 Mbit/s	Up to 48 video channels and 96 doors 384 Mbit/s	Up to 48 video channels and 96 doors 384 Mbit/s	Up to 32 video channels and 64 doors 256 Mbit/s	Up to 32 video channels and 64 doors 256 Mbit/s
<b>Redundant power supply</b>	-	-	-	-	-	✓	✓	✓	-	-
<b>Network connectors</b>	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: 2x RJ45 1 Gbps	Rear side: 2x RJ45 1 Gbps	Rear side: 2x RJ45 1 Gbps	Rear side: 1x RJ45 1 Gbps 1x RJ45 10 Gbps	Rear side: 1x RJ45 1 Gbps
<b>Other connectors</b>	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 3.1 Type-C 2x USB 2.0 1x VGA Rear side: 2x USB 3.1 1x VGA 1x Serial port	Front side: 1x USB 2.0 Rear side: 2x USB 2.0 1x VGA 1x Serial port	Front side: 1x USB 3.1 Rear side: 2x USB 3.1 4x USB 2.0 3x Mini DisplayPort™ (max two monitors recommended)	Front side: 2x USB 3.1 1x USB 3.1 Type-C 1x Universal audio jack 1x SD card reader Rear side: 2x USB 3.1 Type-C / DisplayPort™ 1x Serial port	Front side: 1x Universal audio jack 2x USB 2.0, 1x USB 3.1 1x USB 3.1 Type-C Rear side: 2x USB 2.0, 4x USB 3.1 2x DisplayPort™ 1.2 1x Audio line out 1x Serial port
<b>Supported monitors</b>	0	Live view: 2	Live view: 2	Live view: 2	Live view: 2	Complete with workstation	Complete with workstation	Live view: 2	Complete with workstation	Live view: 2
<b>Mounting accessories</b>	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)	Rack rails	Rack rails	-	Rack rails	-

## Video recorders

	Workstations	
	AXIS S9101 MkII	AXIS S9002 Mk II
		
Included software	AXIS Camera Station client	AXIS Camera Station client
Operating system	Microsoft® Windows® 10 IoT Enterprise	
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 25 split x 360p at 15 fps Any of the above for max one 4K monitor Playback: Any of the above on one 4K monitor	Live view: 1 stream x 4K at 25 fps 4 split x 1080p at 20 fps 9 split x 720p at 15 fps Any of the above for max four 4K monitor Playback: Limited to 1 monitor but supports the same split scenarios as for live view
Power	Max: 60 W AC Adapter 100 - 240 V AC	Max: 300 W 100 - 240 V AC
Connectors	Front side: 2x USB 3.1 1x Audio line in 1x Audio line out Rear side: 2x USB 3.1 1x RJ45 Gbps 2x DisplayPort™ 1.2	Front side: 1x USB 3.1 1x USB 3.1 Type-C 2x USB 2.0 1x Universal audio jack Rear side: 4x USB 3.1 2x USB 2.0 2x DisplayPort™ 1.2 (not preferred) 4x Mini DisplayPort™ 1x RJ45 1 Gbps 1x Audio line out 1x Serial port PS2 Mouse and keyboard ports
Supported monitors	2	4
Included services	Standard replacement service (RMA)	Onsite hardware replacement service
Other	Can complement AXIS S1116 Racked, AXIS S1132 or AXIS S1148	Can complement AXIS S1116 Racked, AXIS S1132 or AXIS S1148

## System devices



	<b>People counters</b> People counting for operational efficiency	AXIS P8815-2 3D People Counter
	<b>I/O devices</b> Enhanced security with wired sensors for both indoor and outdoor	AXIS T834 Wireless I/O Series AXIS P8221 Network I/O Audio Module AXIS A91 Network I/O Relay Module Series
	<b>Decoders</b> Make it possible to display multiple camera video streams to a public view monitor	AXIS P7701 Video Decoder AXIS T8705 Video Decoder
	<b>Security radars</b> Accurate breach detection	AXIS D2110-VE Security Radar
	<b>Audio/Visual alerters</b> 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 D8004
						
<b>Power over Ethernet+ (PoE+) Port Count</b>	24	16	8	4 (2x PoE++)	4 (4x PoE++)	4
<b>Power over Ethernet (PoE) total output power</b>	370 W	240 W	130 W	150 W	240 W	60 W
<b>SPF enabler</b>	✓	✓	✓	✓	✓	✓
<b>Gigabit Ethernet</b>	✓	✓	✓	✓	✓	-
<b>Rack mount</b>	✓	✓	With AXIS T85 Rack Mount Kit A	-	-	-
<b>Outdoor ready</b>	-	-	-	✓	-	-

### Video encoders




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

## System devices




Video encoders					
	AXIS Q7436 	AXIS P7316 	AXIS P7304 	AXIS M7116 	AXIS M7104 
<b>Max. video resolution</b>	720x480 (NTSC) 720x576 (PAL)	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)
<b>Max. frames per second</b>	50/60	25/30	25/30	25/30	25/30
<b>Video source (BNC composite inputs)</b>	6	16	4	16	4
<b>Audio support</b>	-	✓	✓	-	-
<b>Configurable in-/outputs</b>	2 per channel	4	4	-	-
<b>Product specific analytics</b>	AXIS Video Motion Detection Active tampering alarm AXIS Camera Application Platform	Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Camera Application Platform	Audio detection AXIS Video Motion Detection Active tampering alarm AXIS Camera Application Platform	AXIS Video Motion Detection Active tampering alarm AXIS Camera Application Platform	AXIS Video Motion Detection Active tampering alarm AXIS Camera Application Platform
<b>Pan/tilt/zoom support</b>	✓	✓	✓	✓	✓
<b>Power</b>	DC	Power supply included	PoE, DC	AXIS PS-P power supply (included)	PoE, DC
<b>Serial connectors</b>	RS-485	RS-422/RS-485	RS-422/RS-485	RS-422/RS-485	RS-422/RS-485
<b>Type</b>	Blade	Standalone, Rackmount	Standalone	Standalone, Rackmount	Standalone
<b>Special features</b>	Zipstream Coax PTZ control	Zipstream HD Analog support up to 4K	Zipstream HD Analog support up to 4K	Zipstream	Zipstream

## Access control



### Network door controllers

	AXIS A1001 Entry Manager 	AXIS A1001 Partner 	AXIS A1601 
<b>ONVIF Profile</b>	A and C	A and C	A and C
<b>Door controllers per system</b>	33	Integration dependent	Integration dependent
<b>Readers per system</b>	66	Integration dependent	Integration dependent
<b>Wired readers per controller</b>	≤ 2 (Wiegand, RS485, (OSDP) )	≤ 2 (Wiegand, RS485, (OSDP) )	≤ 2 (Wiegand, RS485, (OSDP) )
<b>Wireless lock</b>	ASSA ABLOY Aperio® wireless lock & SimonsVoss SmartIntego wireless lock	ASSA ABLOY Aperio® wireless lock & SimonsVoss SmartIntego wireless lock	ASSA ABLOY Aperio® wireless lock & SimonsVoss SmartIntego wireless lock
<b>Credentials per controller</b>	≤ 400	≤ 50 000	≤ 70 000
<b>Number of power out &amp; relays</b>	2 DC lock outputs & 1 solid state relay	2 DC lock outputs & 1 solid state relay	2 form C relays
<b>Number of I/Os</b>	2	2	6
<b>Power</b>	DC, PoE Class 3	DC, PoE Class 3	DC, PoE Class 4
<b>Plenum rated</b>	✓	✓	✓
<b>UL 294</b>	✓	✓	✓
<b>Operating temperature</b>	0 °C to 50 °C (32 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)	-40 °C to 55 °C (-40 °F to 131 °F)



### Network I/O relay modules

	AXIS A9188 	AXIS A9188-VE 	AXIS A9161 
<b>Number of I/Os</b>	8	8	6
<b>Number of relays</b>	8	8	1
<b>Power in</b>	DC, PoE Class 3, PoE Class 4	DC, PoE Class 3, PoE Class 4	DC, PoE Class 3
<b>Power out</b>	DC	DC	DC
<b>Outdoor ready</b>	-	✓	-
<b>Approvals</b>	-	UL 294	-
<b>ACAP support</b>	✓	✓	✓




### Readers

	AXIS A4020-E 	AXIS Barcode Reader 
<b>Keypad</b>	-	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 43, Analytics.
<b>LED symbols</b>	LED Strip	
<b>RS485(OSDP)</b>	✓	
<b>Secure channel support</b>	✓	
<b>Power</b>	12V	
<b>Outdoor ready</b>	IP65	
<b>UL 294</b>	✓	

### Credentials

	AXIS TA4701 Access Card 	AXIS TA4702 Key Fob 
<b>RFID technology</b>	MIFARE® DESFire® EV2	MIFARE® DESFire® EV2
<b>RFID frequency</b>	13.56 MHz	13.56 MHz
<b>Memory</b>	2 kB	2 kB
<b>Outdoor ready approvals</b>	IP68	IP67, IK09
<b>Material</b>	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)
Outdoor ready 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 C1410 	AXIS C1004-E 	AXIS C2005 <i>This product will soon be replaced</i> 
Voice announcements	✓	✓	✓	✓
Onboard audio clips	✓	✓	✓	✓
Background music	-	✓	✓	✓
Power	PoE	PoE	PoE	PoE
Max sound pressure level	>121 dB	>90 dB	>96 dB	>95 dB
Frequency response	280 Hz - 12.5 kHz	100 Hz - 20 kHz	60 Hz - 20 kHz	45 Hz - 20 kHz
Coverage pattern	70° horizontal by 100° vertical	145° coaxial	130° horizontal by 100° vertical	130° coaxial
Memory card slot	-	-	✓	✓
In-/output ports	1/1	-	-	-
PIR sensor	-	✓	-	-
Built-in mic	✓	✓	✓	✓
IP rating	IP67	-	IP45	-
Outdoor ready	✓	-	Semi outdoor ready	-
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

### Audio system devices

	AXIS C8210 Network Audio Amplifier 	AXIS C8033 Network Audio Bridge <i>This product will soon be replaced by AXIS C8110 Network Audio Bridge</i> 
Built-in amplifier	✓	-
Audio input	Mic in 3-pole 3.5 mm jack	Line level 3-pole 3.5 mm jack
Audio output	Speaker out 2-pole 5.08 mm	Line level RCA R+L
Voice announcements	✓	✓
Onboard audio clips	✓	✓
Background music	✓	✓
Configurable I/O:s	2	2
Power	PoE+	PoE, DC
Memory card slot	✓	✓
Built-in mic	-	-
IP rating	IP20	IP20
Outdoor ready	-	-
Special features	AXIS Audio 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 MkII
		
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 MkII 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 C7050 or better	Intel® Pentium® Gold G5400T
Storage	-	128 GB required	128 GB SSD included
Operating system	-	Supported OS: Microsoft Windows 10, Windows Server 2016, Windows Server 2019	Included OS: Microsoft Windows 10 IoT
Virtual Machine support	-	VMWare ESXi, Microsoft Hyper-V, Microsoft Windows Datacenter With configuration and resources allocated similar to the minimum hardware requirements	-

# Axis network audio for security, safety and operational efficiency.





## Wearables






### 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.

- > 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	
	
<b>Max. video resolution</b>	1920x1080
<b>Image sensor size and sensitivity/ Lens/Horizontal field of view</b>	1/2.9", 0.1 lux 2.1 mm, F2.1 141°
<b>Day and night</b>	-
<b>Max. frames per second</b>	30
<b>Audio support/Built-in mic</b>	- / 2
<b>Battery</b>	3600mAh
<b>Operating temperature</b>	-20 °C to 55 °C (-4 °F to 131 °F)
<b>Outdoor ready approvals</b>	IP67
<b>Lightfinder</b>	-
<b>Zipstream for body worn/ H.264/H.265</b>	√ / √ / -
<b>OptimizedIR/Built-in IR</b>	-
<b>Recording time</b>	Typical 12h operating time Up to 17h operating time, Up to 30h storage time
<b>Storage size/Encryption</b>	64GB AES256
<b>Positioning system</b>	GPS, Galileo, GLONASS
<b>Sensors</b>	6-axis gyro and accelerometer
<b>Wireless</b>	IEEE 802.11 b/g/n BLE 4.1

Body worn		
	AXIS TW1200 Body Worn Mini Bullet Sensor	AXIS TW1201 Body Worn Mini Cube Sensor
		
<b>Max. video resolution</b>	1920x1080	1920x1080
<b>Image sensor size and sensitivity/ Lens/Horizontal field of view</b>	1/2.9", 0.1 lux 2.1 mm, F2.1 141°	1/2.9", 0.1 lux 2.1 mm, F2.1 141°
<b>Day and night</b>	-	-
<b>Max. frames per second</b>	30	30
<b>Audio support/Built-in mic</b>	- / -	- / -
<b>Operating temperature</b>	-20 °C to 55 °C (-4 °F to 131 °F)	-20 °C to 55 °C (-4 °F to 131 °F)
<b>Outdoor ready approvals</b>	IP67	IP54
<b>Lightfinder</b>	-	-
<b>Zipstream for body worn/ H.264/H.265</b>	√ / √ / -	√ / √ / -
<b>OptimizedIR/Built-in IR</b>	-	-

Body worn	
AXIS W800 System Controller	
	
<b>Storage size/Encryption</b>	480 GB AES256
<b>Power</b>	Max 16W 12 V DC
<b>Connectors</b>	Uplink: RJ45 10/100/1000 Mbps Device network: 5x RJ45 10/100/1000 Mbps USB 2.0
<b>Operating temperature</b>	0 °C to 40 °C

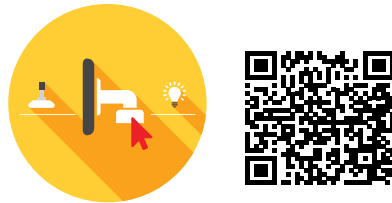
## Everything you need to complete your systems

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

### Accessory selector

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

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



### Mounts

All you need to complete your installation.



### Power and connectivity

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



### Joysticks and keypads

Modular control board for professional camera and video management.



### Audio

Audio accessories for your system.



### Storage

Reliable storage on hard drives or SD cards.



### Illuminators

White and infra-red led illuminators.



### Housings and cabinets

Protective housing and enclosures for cameras and accessories.



### Lenses

Optional lenses to meet special requirements.



### Tools and extras

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



### Wearables accessories

Accessories for body worn cameras.



### Canon accessories

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





For more information, please go to:  
[www.axis.com/analytics](http://www.axis.com/analytics)

# Intuitive. Insightful. Open.

– easy access to actionable insights

Smooth integration, setup, and day-to-day use. Gain easy access to all the information you need, thanks to analytics on the edge and an open system. We offer excellent support, and an intuitive user experience built on our deep knowledge in image processing.

## Analytics for security and safety

### 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

### License plate recognition

- ◆ AXIS License Plate Verifier

### Privacy protection

- ◆ AXIS Live Privacy Shield

### Loss prevention

- ◆ AXIS Face Detector

## Analytics for operational efficiency

### Business intelligence

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

### License plate recognition

- ◆ AXIS License Plate Verifier

### Access control

- ◆ AXIS Barcode Reader

### Privacy protection

- ◆ AXIS Live Privacy Shield

### Applications for data management

- ◆ AXIS Store Reporter
- ◆ AXIS Store Data Manager

*Applications for data management are compatible with products marked with an asterisk (\*).*

## AXIS Camera Application Platform

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

AXIS Camera Application Platform (ACAP), which is supported on most Axis devices, opens the door to a broad selection of security, safety, and operational efficiency applications. ACAP is an open platform that allows you to install apps from Axis and our partners to meet your specific needs.





### Axis analytics portfolio



AXIS Object Analytics



AXIS Perimeter Defender



AXIS License Plate Verifier



AXIS P8815-2 3D People Counter



AXIS People Counter



AXIS Queue Monitor



AXIS Fence Guard



AXIS Motion Guard



AXIS Loitering Guard



AXIS Barcode Reader



AXIS Video Motion Detection



AXIS Face Detector



AXIS Live Privacy Shield



**Intuitive.  
Insightful.  
Open.**

# About Axis Communications

Axis enables a smarter and safer world by creating network solutions that provide insights for improving security and new ways of doing business. As the industry leader in network video, Axis offers products and services for video surveillance and analytics, access control, intercom and audio systems.

Axis has more than 3,800 dedicated employees in over 50 countries and collaborates with partners worldwide to deliver customer solutions. Axis was founded in 1984 and has its headquarters in Lund, Sweden.

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

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