











Product comparison tables










Network video

Axis fixed network cameras

	AXIS M10 Series				AXIS M11 Series			
	AXIS M1011	AXIS M1011-W	AXIS M1031-W	AXIS M1054	AXIS M1103	AXIS M1104	AXIS M1113 ^(a) AXIS M1113-E ^(b)	AXIS M1114 ^(a) AXIS M1114-E ^(b)
								
Image sensor	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS
Lens	4.4 mm/F2.0 fixed iris	4.4 mm/F2.0 fixed iris	4.4 mm/F2.0 fixed iris	2.9 mm/F2.0 fixed iris	2.8 mm/F2.0 6 mm/F1.8 fixed iris, CS mount	2.8 mm/F2.0 6 mm/F1.8 fixed iris, CS mount	Varifocal 2.9 - 8.2 mm/F1.4 DC-iris, CS mount	Varifocal 2.8 - 8 mm/F1.2 DC-iris, CS mount
Horizontal angle of view	47°	47°	47°	80°	2.8 mm: 66° 6 mm: 31°	2.8 mm: 80° 6 mm: 37°	65° - 25°	87° - 29°
Day and night								
Min illumination/ light sensitivity (lux)	1 - 10,000	1 - 10,000	1 - 10,000 0 with LED on	1.2 - 100,000 0 with LED on	2.8 mm: 1.0 - 100,000 6 mm: 0.9 - 100,000	2.8 mm: 1.0 - 100,000 6 mm: 0.9 - 100,000	0.6	0.6
Video compression	H.264 Motion JPEG MPEG-4	H.264 Motion JPEG MPEG-4	H.264 Motion JPEG MPEG-4	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG
Max video resolution (pixels)	640x480	640x480	640x480	1280x800 (1 MP)	800x600	1280x800 (1 MP) ⁽²⁾	800x600	1280x800 (1 MP) ⁽²⁾
Frames per second	30 (640x480)	30 (640x480)	30 (640x480)	30 (1280x800) 30 (HDTV 720p)	30 (800x600)	30 (1280x800) 30 (HDTV 720p)	30 (800x600)	30 (1280x800) 30 (HDTV 720p)
Audio support			Two-way Built-in mic and speaker	Two-way Built-in mic and speaker				
Alarm in-/outputs				1/1				
Intelligent video	Motion detection Tampering alarm	Motion detection Tampering alarm	Motion detection Audio detection Tampering alarm	Motion detection Audio detection Tampering alarm	Motion detection Tampering alarm	Motion detection Tampering alarm	Motion detection Tampering alarm	Motion detection Tampering alarm
Security	Multi-level passwords IP filtering HTTPS encryption	Multi-level passwords IP filtering HTTPS encryption	Multi-level passwords IP filtering HTTPS encryption	Multi-level passwords IP filtering HTTPS encryption	Multi-level passwords IP filtering HTTPS encryption	Multi-level passwords IP filtering HTTPS encryption	Multi-level passwords IP filtering HTTPS encryption	Multi-level passwords IP filtering HTTPS encryption
Network	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS
Power	DC PoE splitter available	DC PoE splitter available	DC PoE splitter available	DC PoE IEEE 802.3af Class 2	PoE IEEE 802.3af Class 1	PoE IEEE 802.3af Class 1	PoE IEEE 802.3af Class 1	PoE IEEE 802.3af Class 1
Serial connectors								
Outdoor use					Requires housing	Requires housing	Outdoor ready ^(b)	Outdoor ready ^(b)
Other	AVHS ⁽¹⁾ , ONVIF	Wireless AVHS ⁽¹⁾ , ONVIF	Built-in PIR sensor, illumination LED, wireless AVHS ⁽¹⁾ , ONVIF	Built-in PIR sensor, illumination LED, digital PTZ, AVHS ⁽¹⁾ , ONVIF Corridor Format	Digital PTZ, pixel counter, AVHS ⁽¹⁾ , Corridor Format	Digital PTZ, pixel counter, AVHS ⁽¹⁾ , Corridor Format	Digital PTZ, pixel counter, AVHS ⁽¹⁾ , Corridor Format ^(a)	Digital PTZ, pixel counter, AVHS ⁽¹⁾ , Corridor Format ^(a)

Notations (a) and (b) refer to the corresponding product models for the column; (1) AVHS - AXIS Video Hosting System with One-Click Camera Connection; (2) 1440 x 900 (1.3 MP) scaled resolution available via VAPIX®

Axis fixed network cameras

	AXIS P13 Series							AXIS Q16 Series	AXIS Q17 Series
	AXIS 211W 	AXIS 221 	AXIS P1311 	AXIS P1343^(a) AXIS P1343-E^(b) 	AXIS P1344^(a) AXIS P1344-E^(b) 	AXIS P1346^(a) AXIS P1346-E^(b) 	AXIS P1347^(a) AXIS P1347-E^(b) 	AXIS Q1602^(a) AXIS Q1602-E^(b) 	AXIS Q1755^(a) AXIS Q1755-E^(b) 
Image sensor	1/4" progressive scan CMOS	1/3" progressive scan CCD	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/3" (effective) progressive scan CMOS	1/2.5" progressive scan CMOS	1/3" progressive scan CMOS	1/3" progressive scan CMOS
Lens	Varifocal 3 - 8 mm/F1.0 DC-iris, CS mount	Varifocal 3 - 8 mm/F1.0 DC-iris, CS mount	4 mm/F1.2 fixed iris, CS mount	Varifocal 3 - 8 mm/F1.0 DC-iris, CS mount Remote back focus	Varifocal 3 - 8 mm/F1.2 DC-iris, CS mount Remote back focus	Varifocal 3.5 - 10 mm/F1.6 P-Iris ⁽¹⁾ , CS mount Remote back focus	Varifocal 3.5 - 10 mm/F1.6 P-Iris ⁽¹⁾ , CS mount Remote back focus	Varifocal 2.8 - 8 mm/F1.2, DC-iris, CS-mount	5.1 - 51 mm/F1.8 auto iris and autofocus 10x optical zoom 12x digital zoom
Horizontal angle of view	67° - 27°	93° - 35°	48°	61° - 21°	72° - 28°	72° - 27°	89° - 33°	100° - 34°	50° - 5.4°
Day and night		Automatic		Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Min illumination/light sensitivity (lux)	0.75	0.65 (color) 0.08 (B/W)	0.6 - 30,000	0.2 (color) 0.05 (B/W)	0.3 (color) 0.05 (B/W)	0.5 (color) 0.08 (B/W)	0.5 (color) 0.08 (B/W)	0.05 (color) 0.008 (B/W)	2 (color) 0.2 (B/W)
Video compression	Motion JPEG MPEG-4	Motion JPEG MPEG-4	H.264 Motion JPEG MPEG-4	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG
Max video resolution (pixels)	640x480	640x480	640x480	800x600	1280x800 (1 MP) ⁽⁴⁾	2048x1536 (3 MP)	2560x1920 (5 MP)	768x576	HDTV 1080i (2 MP)
Frames per second	30 (640x480)	45 (640x480) 60 (480x360)	30 (640x480)	30 (800x600)	30 (1280x800) 30 (HDTV 720p)	20 (2048x1536) 30 (HDTV 1080p) 30 (1600x1200)	12 (2560x1920) 20 (2048x1536) 30 (HDTV 1080p)	30 (768x576)	30/25 (HDTV 1080i) 30/25 (HDTV 720p)
Audio support	Two-way Built-in mic		Two-way Built-in mic	Two-way Built-in mic ^(a)	Two-way Built-in mic ^(a)	Two-way Built-in mic ^(a)	Two-way Built-in mic ^(a)	Two-way Built-in mic ^(a)	Two-way Built-in mic ^(a)
Alarm in-/outputs	1/1	2/1	1/1	1/1	1/1	1/1	1/1	1/1	2 configurable inputs/outputs
Intelligent video	Motion detection Audio detection	Motion detection Tampering alarm	Motion detection Audio detection Tampering alarm	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm Gatekeeper
Security	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X
Network	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS
Power	DC PoE IEEE 802.3af Class 2	AC/DC PoE IEEE 802.3af Class 2	DC PoE IEEE 802.3af Class 1	DC ^(a) PoE IEEE 802.3af Class 2 ^(a) PoE Class 3/High PoE ^(b)	DC ^(a) PoE IEEE 802.3af Class 2 ^(a) PoE Class 3/High PoE ^(b)	DC ^(a) PoE IEEE 802.3af Class 3 ^(a,b) High PoE ^(b)	DC ^(a) PoE IEEE 802.3af Class 3 ^(a,b) High PoE ^(b)	PoE IEEE 802.3af Class 3 ^(a,b) High PoE ^(b)	AC/DC ^(a) PoE IEEE 802.3af Class 3 ^(a,b) High PoE ^(b)
Serial connectors		RS-232, RS-485							RS-422/RS-485
Outdoor use	Requires housing	Requires housing	Requires housing	Outdoor ready ^(b)	Outdoor ready ^(b)	Outdoor ready ^(b)	Outdoor ready ^(b)	Outdoor ready ^(b)	Outdoor ready ^(b)
Other	Wireless AVHS ⁽³⁾	AVHS ⁽³⁾ Corridor Format (3:4 only)	Pixel counter, SD/SDHC card slot AVHS ⁽³⁾ , ONVIF	WDR, digital PTZ, pixel counter, SD/SDHC card slot IP66 and NEMA 4X ratings ^(b) , AVHS ⁽²⁾ , ONVIF, Corridor Format ^(a)	WDR, digital PTZ, pixel counter, SD/SDHC card slot IP66 and NEMA 4X ratings ^(b) , AVHS ⁽²⁾ , ONVIF, Corridor Format ^(a)	WDR, digital PTZ, pixel counter, multi-view streaming, SD/SDHC card slot, IP66 and NEMA 4X ratings ^(b) , AVHS ⁽²⁾ , ONVIF, Corridor Format ^(a)	WDR, digital PTZ, pixel counter, SD/SDHC card slot, Lightfinder technology AVHS ⁽²⁾ , ONVIF, Corridor Format ^(a)	WDR, digital PTZ, pixel counter, SD/SDHC card slot, Lightfinder technology AVHS ⁽²⁾ , ONVIF, Corridor Format ^(a)	SD/SDHC card slot, analog video out, pan/tilt head support IP66 and NEMA 4X ratings ^(b) , ONVIF, Corridor Format ^(a)










Notations (a) and (b) refer to the corresponding product models for the column; (1) AXIS P1346/-E and AXIS 1347/-E also support DC-iris lens; (2) AVHS - AXIS Video Hosting System with One-Click Camera Connection; (3) Special firmware needed. Available for partners on Partner Pages; (4) 1440x900 (1.3 MP) scaled resolution available via VAPIX®

Axis fixed dome network cameras

	AXIS M31-R Series		AXIS M31-VE Series		AXIS M30 Series		AXIS M32 Series		
	AXIS 209FD	AXIS M3113-R	AXIS M3114-R	AXIS M3113-VE AXIS M3113-VE Nocap	AXIS M3114-VE AXIS M3114-VE Nocap	AXIS M3011	AXIS M3014	AXIS M3203 ^(a) AXIS M3203-V ^(b)	AXIS M3204 ^(a) AXIS M3204-V ^(b)
Image sensor	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS
Lens	3.0 mm/F2.0 fixed iris	2.9 mm/F2.0 fixed iris	2.9 mm/F2.0 fixed iris	2.9 mm/F2.0 fixed iris	2.9 mm/F2.0 fixed iris	3.0 mm/F2.0 fixed iris	2.9 mm/F2.0 fixed iris	Varifocal 2.8 - 10 mm/F1.7 fixed iris	Varifocal 2.8 - 10 mm/F1.7 fixed iris
Horizontal angle of view	66°	66°	80°	66°	80°	66°	80°	66° - 18°	80° - 22°
Day and night									
Min illumination/light sensitivity (lux)	1.5 - 10,000	1 - 100,000	1 - 100,000	1 - 100,000	1 - 100,000	1 - 10,000	1 - 100,000	0.9 - 100,000	0.9 - 100,000
Video compression	Motion JPEG MPEG-4	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG MPEG-4	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG
Max video resolution (pixels)	640x480	800x600	1280x800 (1 MP) ⁽²⁾	800x600	1280x800 (1 MP) ⁽²⁾	640x480	1280x800 (1 MP)	800x600	1280x800 (1 MP) ⁽²⁾
Frames per second	30 (640x480)	30 (800x600)	30 (1280x800) 30 (HDTV 720p)	30 (800x600)	30 (1280x800) 30 (HDTV 720p)	30 (640x480)	30 (1280x800) 30 (HDTV 720p)	30 (800x600)	30 (1280x800) 30 (HDTV 720p)
Audio support									
Alarm in-/outputs									
Intelligent video	Motion detection Tampering alarm	Motion detection Tampering alarm AXIS Camera Application Platform	Motion detection Tampering alarm AXIS Camera Application Platform	Motion detection Tampering alarm AXIS Camera Application Platform	Motion detection Tampering alarm AXIS Camera Application Platform	Motion detection Tampering alarm	Motion detection Tampering alarm AXIS Camera Application Platform	Motion detection Tampering alarm AXIS Camera Application Platform	Motion detection Tampering alarm AXIS Camera Application Platform
Security	Multi-level passwords IP filtering HTTPS encryption	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption
Network	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS
Power	PoE IEEE 802.3af Class 1	PoE IEEE 802.3af Class 1	PoE IEEE 802.3af Class 1	PoE IEEE 802.3af Class 1	PoE IEEE 802.3af Class 1	PoE IEEE 802.3af Class 1	PoE IEEE 802.3af Class 1	PoE IEEE 802.3af Class 2	PoE IEEE 802.3af Class 2
Serial connectors									
Outdoor use				Outdoor ready	Outdoor ready				
Other	AVHS ⁽³⁾	Rugged connectors for mobile surveillance, IP66, IP67 and NEMA 4X ratings, WDR, digital PTZ, pixel counter, AVHS ⁽¹⁾ , ONVIF, Corridor Format	Rugged connectors for mobile surveillance, IP66, IP67 and NEMA 4X ratings, WDR, digital PTZ, pixel counter, AVHS ⁽¹⁾ , ONVIF, Corridor Format	Vandal resistant, IP66, IP67 and NEMA 4X ratings, WDR, digital PTZ, pixel counter, AVHS ⁽¹⁾ , ONVIF, Corridor Format	Vandal resistant, IP66, IP67 and NEMA 4X ratings, WDR, digital PTZ, pixel counter, AVHS ⁽¹⁾ , ONVIF, Corridor Format	Recessed mounting, pixel counter, AVHS ⁽¹⁾ , ONVIF	Recessed mounting, digital PTZ, pixel counter, AVHS ⁽¹⁾ , ONVIF	Tamper resistant ^(a) Vandal resistant ^(b) digital PTZ, pixel counter, AVHS ⁽¹⁾ , Corridor Format	Tamper resistant ^(a) Vandal resistant ^(b) digital PTZ, pixel counter, AVHS ⁽¹⁾ , Corridor Format









Notations (a) and (b) refer to the corresponding product models for the column; (1) AVHS - AXIS Video Hosting System with One-Click Camera Connection; (2) 1440 x 900 (1.3 MP) scaled resolution available via VAPIX®; (3) Special firmware needed. Available for partners on Partner Pages.

Axis fixed dome network cameras

	AXIS P33 Series								
	AXIS P3301 ^(a) AXIS P3301-V ^(b)	AXIS P3304 ^(a) AXIS P3304-V ^(b)	AXIS P3343 ^(a) AXIS P3343-V ^(b)	AXIS P3344 ^(a) AXIS P3344-V ^(b)	AXIS P3346 ^(a) AXIS P3346-V ^(b)	AXIS P3343-VE	AXIS P3344-VE	AXIS P3346-VE	AXIS P3367-V AXIS P3367-VE ^(b)
									
Image sensor	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/3" (effective) progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/3" (effective) progressive scan CMOS	1/3.2" progressive scan CMOS
Lens	Varifocal 2.8 - 10 mm/F1.3 DC-iris	Varifocal 2.8 - 10 mm/F1.7 DC-iris	Varifocal, DC-iris, remote focus and zoom 6 mm: 2.5-6 mm/F1.2 12 mm: 3.3-12 mm/F1.4	Varifocal, DC-iris, remote focus and zoom 6 mm: 2.5-6 mm/F1.4 12 mm: 3.3-12 mm/F1.6	Varifocal, P-iris, remote focus and zoom 3-9 mm/F1.2	Varifocal, DC-iris, remote focus and zoom 6 mm: 2.5-6 mm/F1.2 12 mm: 3.3-12 mm/F1.4	Varifocal, DC-iris, remote focus and zoom 6mm: 2.5-6 mm/F1.4 12mm: 3.3-12 mm/F1.6	Varifocal, P-iris, remote focus and zoom 3-9 mm/F1.2	Varifocal, P-Iris, remote focus and zoom, 3-9 mm/ F1.2
Horizontal angle of view	72° - 23°	80° - 22°	6 mm: 72° - 34° 12 mm: 54° - 17°	6 mm: 87° - 40° 12 mm: 70° - 20°	84° - 30°	6 mm: 72° - 34° 12 mm: 54° - 17°	6 mm: 87° - 40° 12 mm: 70° - 20°	84° - 30°	84°-30°
Day and night			Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Min illumination/light sensitivity (lux)	1	0.9	6 mm: 0.2 (color), 0.04 (B/W) 12 mm: 0.3 (color), 0.05 (B/W)	6 mm: 0.3 (color), 0.05 (B/W) 12 mm: 0.4 (color), 0.06 (B/W)	0.5 (color), 0.08 (B/W)	6 mm: 0.2 (color), 0.04 (B/W) 12 mm: 0.3 (color), 0.05 (B/W)	6 mm: 0.3 (color), 0.05 (B/W) 12 mm: 0.4 (color), 0.06 (B/W)	0.5 (color), 0.08 (B/W)	0.2 (color) 0.04 (B/W)
Video compression	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG
Max video resolution (pixels)	640x480	1280x800 (1 MP) ⁽²⁾	800x600	1280x800 (1 MP) ⁽²⁾	2048x1536 (3 MP)	800x600	1280x800 (1 MP) ⁽²⁾	2048x1536 (3 MP)	2592x1944 (5 MP)
Frames per second	30 (640x480)	30 (1280x800) 30 (HDTV 720p)	30 (800x600)	30 (1280x800) 30 (HDTV 720p)	20 (2048x1536) 30 (HDTV 1080p) 30 (1600x1200)	30 (800x600)	30 (1280x800) 30 (HDTV 720p)	20 (2048x1536) 30 (HDTV 1080p) 30 (1600x1200)	12 (2592x1944) 20 (2048x1536) 30 (HDTV 1080p) 30 (1600x1200)
Audio support	Two-way Built-in mic	Two-way Built-in mic	Two-way Built-in mic	Two-way Built-in mic	Two-way Built-in mic	Two-way	Two-way	Two-way	Two-way
Alarm in-/outputs	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Intelligent video	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform
Security	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X
Network	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS
Power	DC PoE IEEE 802.3af Class 2	DC PoE IEEE 802.3af Class 2	PoE IEEE 802.3af Class 2	PoE IEEE 802.3af Class 2	PoE IEEE 802.3af Class 2	PoE IEEE 802.3af Class 3	PoE IEEE 802.3af Class 3	PoE IEEE 802.3af Class 3	PoE IEEE 802.3af Class 3
Serial connectors									
Outdoor use						Outdoor ready	Outdoor ready	Outdoor ready	Outdoor ready(b)
Other	Tamper resistant ^(a) Vandal resistant ^(b) WDR, pixel counter, AVHS ⁽¹⁾ , ONVIF, Corridor Format (3:4 only)	Tamper resistant ^(a) Vandal resistant ^(b) WDR, digital PTZ, pixel counter, AVHS ⁽¹⁾ , ONVIF, Corridor Format	Tamper resistant ^(a) Vandal resistant ^(b) WDR, digital PTZ, pixel counter, SD/SDHC card slot, AVHS ⁽¹⁾ , ONVIF, Corridor Format	Tamper resistant ^(a) Vandal resistant ^(b) WDR, digital PTZ, pixel counter, SD/SDHC card slot, AVHS ⁽¹⁾ , ONVIF, Corridor Format	Tamper resistant ^(a) Vandal resistant ^(b) WDR, digital PTZ, pixel counter, SD/SDHC card slot, AVHS ⁽¹⁾ , ONVIF, Corridor Format	Vandal resistant IP66 and NEMA 4X ratings, WDR, digital PTZ, pixel counter, SD/SDHC card slot, AVHS ⁽¹⁾ , ONVIF, Corridor Format	Vandal resistant IP66 and NEMA 4X ratings, WDR, digital PTZ, pixel counter, SD/SDHC card slot, AVHS ⁽¹⁾ , ONVIF, Corridor Format	Vandal resistant IP66 and NEMA 4X ratings, WDR, digital PTZ, pixel counter, SD/SDHC card slot, AVHS ⁽¹⁾ , ONVIF, Corridor Format	Vandal resistant IP66 and NEMA 4X ratings, WDR, digital PTZ, pixel counter, SD/SDHC card slot, AVHS ⁽¹⁾ , ONVIF, Corridor Format









Notations (a) and (b) refer to the corresponding product models for the column; (1) AVHS - AXIS Video Hosting System with One-Click Camera Connection; (2) 1440 x 900 (1.3 MP) scaled resolution available via VAPIX[®]

Axis pan/tilt/zoom network cameras

	AXIS 212 PTZ Series		AXIS M50 PTZ Series		AXIS 215 PTZ Series			
	AXIS 212 PTZ	AXIS 212 PTZ-V	AXIS M5013 PTZ	AXIS M5014 PTZ	AXIS 214 PTZ	AXIS 215 PTZ	AXIS 215 PTZ-E	AXIS 233D
								
Image sensor	1/2" progressive scan CMOS	1/2" progressive scan CMOS	1/4" progressive scan CMOS	1/4" progressive scan CMOS	1/4" ExView HAD CCD	1/4" CCD	1/4" CCD	1/4" ExView HAD progressive scan CCD
Lens	2.7 mm/F1.8 fixed iris 3x instant zoom	2.7 mm/F1.8 fixed iris 3x instant zoom	3.6 mm/F1.8 3x digital zoom	3.6 mm/F1.8 3x digital zoom	4.1 - 73.8 mm/F1.3 auto iris and autofocus 18x optical zoom 12x digital zoom	3.8 - 46 mm/F1.6 auto iris and autofocus 12x optical zoom 4x digital zoom	3.8 - 46 mm/F1.6 auto iris and autofocus 12x optical zoom 4x digital zoom	3.4 - 119 mm/F1.4 auto iris and autofocus 35x optical zoom 12x digital zoom
Horizontal angle of view	140° - 44°	140° - 44°	45°	60°	48° - 2.7°	51.6° - 4.4°	51.6° - 4.4°	55.8° - 1.73°
Day and night					Automatic	Automatic	Automatic	Automatic
Min illumination/light sensitivity (lux)	10 lux wide mode 20 lux tele mode	10 lux wide mode 20 lux tele mode	1.4 (color)	1.4 (color)	0.3 (color) 0.005 (B/W)	1 (color) 0.3 (B/W)	1 (color) 0.3 (B/W)	0.5 (color) 0.008 (B/W)
Video compression	Motion JPEG MPEG-4	Motion JPEG MPEG-4	H.264 Motion JPEG	H.264 Motion JPEG	Motion JPEG MPEG-4	Motion JPEG MPEG-4	Motion JPEG MPEG-4	Motion JPEG MPEG-4
Max video resolution (pixels)	640x480	640x480	SVGA 800x600	HDTV 720p 1280x720	4CIF: 704x480 (60 Hz) 704x576 (50 Hz)	4CIF: 704x480 (60 Hz) 704x576 (50 Hz)	4CIF: 704x480 (60 Hz) 704x576 (50 Hz)	4CIF: 704x480 (60 Hz) 704x576 (50 Hz)
Frames per second (60/50 Hz)	30 (640x480) at max. zoom	30 (640x480) at max. zoom	30	30	30/25 (4CIF)	30/25 (4CIF)	30/25 (4CIF)	30/25 (4CIF)
Pan/Tilt/Zoom	20 presets 140° pan 105° tilt Guard tour	20 presets 140° pan 105° tilt Guard tour	25 presets ±180° pan 90° tilt	25 presets ±180° pan 90° tilt	20 presets 340° pan 120° tilt	20 presets 360° pan via Auto-flip 180° tilt	20 presets 360° pan via Auto-flip 180° tilt	100 presets 360° endless pan 180° tilt Guard tour
Audio support	Two-way Built-in mic	Two-way Built-in mic	One-way Built-in mic	One-way Built-in mic	Two-way	Two-way	Two-way	Two-way
Alarm in-/outputs	1/1	1/1			1/1	1/1		4/4
Intelligent video	Motion detection Audio detection	Motion detection Audio detection	Motion detection, Audio detection, AXIS Camera Application Platform	Motion detection, Audio detection, AXIS Camera Application Platform	Motion detection Audio detection	Motion detection Audio detection	Motion detection	Motion detection Audio detection Auto-tracking
Security	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X
Network	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS
Power	DC PoE IEEE 802.3af Class 1	DC PoE IEEE 802.3af Class 1	PoE IEEE 802.3af Class 3	PoE IEEE 802.3af Class 3	DC	DC	Main power	AC/DC
Serial connectors								
Outdoor use					Requires housing	Requires housing	Outdoor ready	Requires housing
Other	Continuous motion 24/7 AVHS ⁽¹⁾ , ONVIF	Continuous motion 24/7 Vandal-resistant AVHS ⁽¹⁾ , ONVIF	IP51 rating MicroSDHC card slot AVHS ⁽²⁾ , ONVIF	IP51 rating MicroSDHC card slot AVHS ⁽²⁾ , ONVIF	AVHS ⁽¹⁾	Auto-flip, AVHS ⁽¹⁾	Auto-flip, IP66 and NEMA 4X ratings, AVHS ⁽¹⁾	Continuous motion 24/7, image stabilizer, WDR





(1) Special firmware needed. Available for partners on Partner Pages; (2) AVHS - AXIS Video Hosting System with One-Click Camera Connection

Axis pan/tilt/zoom network cameras

	AXIS P55 Series				AXIS Q60 Series			
	AXIS P5512 ^(a) AXIS P5512-E ^(b)	AXIS P5522 ^(a) AXIS P5522-E ^(b)	AXIS P5532 ^(a) AXIS P5532-E ^(b)	AXIS P5534 ^(a) AXIS P5534-E ^(b)	AXIS Q6032	AXIS Q6032-E	AXIS Q6034 ^(a) AXIS Q6034-E ^(b)	AXIS Q6035 ^(a) AXIS Q6035-E ^(b)
								
Image sensor	1/4" CCD	1/4" ExViewHAD progressive scan CCD	1/4" ExViewHAD progressive scan CCD	1/3" progressive scan CCD	1/4" ExViewHAD progressive scan CCD	1/4" ExViewHAD progressive scan CCD	1/3" progressive scan CCD	1/2.8 progressive scan CMOS
Lens	3.8 – 46 mm/F1.6 autofocus 12x optical zoom 4x digital zoom	4.1 – 73.8 mm/F1.4 auto iris and autofocus 18x optical zoom 12x digital zoom	3.6 – 104.4 mm/F1.43 auto iris and autofocus 18x optical zoom 12x digital zoom	4.7 – 84.6 mm/F1.6 auto iris and autofocus 18x optical zoom 12x digital zoom	3.4 – 119 mm/F1.4 auto iris and autofocus 18x optical zoom 12x digital zoom	3.4 – 119 mm/F1.4 auto iris and autofocus 35x optical zoom 12x digital zoom	4.7 – 84.6 mm/F1.6 auto iris and autofocus 18x optical zoom 12x digital zoom	4.7 – 94 mm/F1.6 auto iris and autofocus 20x optical zoom 12x digital zoom
Horizontal angle of view	51.6° – 4.4°	47.0° – 2.8°	53.1° – 2.0°	55.2° – 3.2°	55.8° – 1.7°	55.8° – 1.7°	55.2° – 3.2°	54.1° – 2.9° in HDTV 1080p 37.6° – 2° in HDTV 720p
Day and night	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Min illumination/light sensitivity (lux)	1 (color) 0.3 (B/W)	0.5 (color) 0.01 (B/W)	0.5 (color) 0.01 (B/W)	0.74 (color) 0.04 (B/W)	0.5 (color) 0.008 (B/W)	0.5 (color) 0.008 (B/W)	0.74 (color) 0.04 (B/W)	0.8 (color) 0.04 (B/W)
Video compression	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
Max video resolution (pixels)	4CIF: 704x480 (60 Hz) 704x576 (50 Hz)	D1: 720x480 (60 Hz) 720x576 (50 Hz)	D1: 720x480 (60 Hz), 720x576 (50 Hz)	HDTV 720p 1280x720	752x480 (60 Hz) 736x576 (50 Hz)	D1: 720x480 (60 Hz) 720x576 (50 Hz)	HDTV 720p 1280x720	HDTV 1080p 1920x1080
Frames per second (60/50 Hz)	30/25 (4CIF)	30/25 (D1)	30/25 (D1)	30/25 (HDTV 720p)	30/25 (Extended D1)	30/25 (D1)	30/25 (HDTV 720p)	H.264: 30/25 (HDTV 1080p) H.264: 60/50 (HDTV 720p)
Pan/Tilt/Zoom	100 presets 360° pan via Auto-flip 180° tilt Limited guard tour	100 presets 360° pan via Auto-flip 180° tilt Limited guard tour	100 presets 360° pan via Auto-flip 180° tilt Limited guard tour	100 presets 360° pan via Auto-flip 180° tilt Limited guard tour	100 presets 360° pan endless 180° tilt Guard tour Tour recording	100 presets 360° endless pan 220° tilt Guard tour	100 presets 360° endless pan 180° tilt ^(a) , 220° tilt ^(b) Guard tour	100 presets 360° endless pan 180° tilt ^(a) , 220° tilt ^(b) Guard tour Tour recording
Audio support	Two-way ^(a)	Two-way ^(a)	Two-way ^{(1)(a)}	Two-way ^{(1)(a)}	Two-way ⁽¹⁾		Two-way ^{(1)(a)}	Two-way ^{(1)(a)}
Alarm in-/outputs	4 configurable inputs/ outputs ^{(1)(a)}	4 configurable inputs/ outputs ^{(1)(a)}	4 configurable inputs/ outputs ^{(1)(a)}	4 configurable inputs/ outputs ^{(1)(a)}	4 configurable inputs/ outputs ⁽¹⁾		4 configurable inputs/ outputs ^{(1)(a)}	4 configurable inputs/ outputs ^{(1)(a)}
Intelligent video	Motion detection Audio detection ^(a) Advanced Gatekeeper AXIS Camera Application Platform	Motion detection Audio detection ^(a) Advanced Gatekeeper AXIS Camera Application Platform	Motion detection Audio detection ^(a) Advanced Gatekeeper AXIS Camera Application Platform ^(b)	Motion detection Audio detection ^(a) Advanced Gatekeeper AXIS Camera Application Platform ^(b)	Motion detection Audio detection Auto-tracking Active Gatekeeper AXIS Camera Application Platform	Motion detection Auto-tracking	Motion detection Audio detection ^(a) Auto-tracking ^(b) Advanced Gatekeeper ^(a) Active Gatekeeper ^(b) AXIS Camera Application Platform ^(b)	Motion detection Audio detection ^(a) Auto-tracking Active Gatekeeper AXIS Camera Application Platform
Security	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X
Network	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS
Power	AC/DC ^{(1)(a)} PoE IEEE 802.3af Class 3	AC/DC ^{(1)(a)} PoE+ IEEE 802.3at (Midspan supplied)	AC/DC ^{(1)(a)} PoE+ IEEE 802.3at (Midspan supplied)	AC/DC ^{(1)(a)} PoE+ IEEE 802.3at (Midspan supplied)	AC/DC ⁽¹⁾ PoE+ IEEE 802.3at (Midspan supplied)	High PoE (Midspan supplied)	AC/DC ^{(1)(a)} PoE+ IEEE 802.3at ^(a) , High PoE ^(b) , (Midspan supplied)	AC/DC ^{(1)(a)} PoE+ IEEE 802.3at ^(a) , High PoE ^(b) , (Midspan supplied)
Serial connectors								
Outdoor use	Outdoor ready ^(b)	Outdoor ready ^(b)	Outdoor ready ^(b)	Outdoor ready ^(b)		Outdoor ready	Outdoor ready ^(b)	Outdoor ready ^(b)
Other	Auto-flip, SD/SDHC slot, IP51 rating ^(a) , IP66 and NEMA 4X ratings ^(b) , AVHS ⁽²⁾ , ONVIF	Auto-flip, SD/SDHC slot, IP51 rating ^(a) , IP66 and NEMA 4X ratings ^(b) , WDR, AVHS ⁽²⁾ , ONVIF	Auto-flip, SD/SDHC slot, IP51 rating ^(a) , IP66 and NEMA 4X ratings ^(b) , image stabilizer, WDR, AVHS ⁽²⁾ , ONVIF ^(b)	Auto-flip, SD/SDHC slot, IP51 rating ^(a) , IP66 and NEMA 4X ratings ^(b) , WDR, AVHS ⁽²⁾ , ONVIF ^(b)	Continuous motion 24/7, SD/SDHC slot, IP52 rating, image stabilizer, WDR, AVHS ⁽²⁾ , ONVIF ^(b)	Continuous motion 24/7, SD/SDHC slot, IP66 and NEMA 4X ratings, image stabilizer, WDR, Arctic Temperature Control	Continuous motion 24/7, SD/SDHC slot, IP52 rating ^(a) , IP66 and NEMA 4X ratings ^(b) , WDR, AVHS ⁽²⁾ , ONVIF ^(b) , Arctic Temperature Control ^(b)	Continuous motion 24/7, SD/SDHC slot, IP52 rating ^(a) , IP66 and NEMA 4X ratings ^(b) , WDR, AVHS ⁽²⁾ , ONVIF, Arctic Temperature Control ^(b)

Notations (a) and (b) refer to the corresponding product models for the column; (1) With multi-connector cable – sold separately; (2) AVHS – AXIS Video Hosting System with One-Click Camera Connection

Axis thermal network cameras

	AXIS Q19 Series			
	AXIS Q1910	AXIS Q1910-E	AXIS Q1921	AXIS Q1921-E
				
Image sensor	Uncooled Micro bolometer	Uncooled Micro bolometer	Uncooled Micro bolometer	Uncooled Micro bolometer
Lens	13 mm/F1.25	13 mm/F1.25	10 mm/F1.2 19 mm/F1.0	10 mm/F1.2 19 mm/F1.0 35 mm/F1.2 60 mm/F1.2
Horizontal angle of view	17°	17°	10 mm: 55° 19 mm: 29°	10 mm: 55° 19 mm: 29° 35 mm: 15° 60 mm: 9°
Detection range (m/ yd.)	200/220 ^(a) 550/600 ^(b)	200/220 ^(a) 550/600 ^(b)	10 mm: 200/220 ^(a) 460/515 ^(b) 19 mm: 380/415 ^(a) 870/950 ^(b)	10 mm: 200/220 ^(a) 460/515 ^(b) 19 mm: 380/415 ^(a) 870/950 ^(b) 35 mm: 700/765 ^(a) 1610/1760 ^(b) 60 mm: 1200/1312 ^(a) 2760/3020 ^(b)
Sensitivity	NETD < 100 mK	NETD < 100 mK	NETD < 100 mK	NETD < 100 mK
Video compression	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG
Max video resolution (pixels)	160x128	160x128	384x288	384x288
Frames per second	8.3	8.3	8.3/30 ⁽¹⁾	8.3/30 ⁽¹⁾
Audio support	Two-way Built-in mic	Two-way	Two-way Built-in mic	Two-way
Alarm in-/outputs	2 configurable inputs/outputs	2 configurable inputs/outputs	2 configurable inputs/outputs	2 configurable inputs/outputs
Intelligent video	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform
Security	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X	Multi-level passwords IP filtering HTTPS encryption IEEE 802.1X
Network	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS	IPv4/v6, QoS
Power	AC/DC PoE IEEE 802.3af Class 3	AC/DC PoE IEEE 802.3af Class 3	AC/DC PoE IEEE 802.3af Class 3	AC/DC PoE IEEE 802.3af Class 3
Serial connectors	RS-422/RS-485	RS-422/RS-485	RS-422/RS-485	RS-422/RS-485
Outdoor use	Requires housing designed for thermal cameras	Outdoor ready	Requires housing designed for thermal cameras	Outdoor ready
Other	SD/SDHC card slot, palette setting, AVHS ⁽²⁾ -ONVIF	SD/SDHC card slot, IP66 rating, palette setting, AVHS ⁽²⁾ -ONVIF	SD/SDHC card slot, palette setting, AVHS ⁽²⁾ -ONVIF	SD/SDHC card slot, IP66 rating, palette setting, AVHS ⁽²⁾ -ONVIF

Notifications (a) and (b) refer to detection range measured for (a) humans 1.8 m x 0.5 m and (b) Vehicles 2.3 x 2.3 m; (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) - AXIS Video Hosting System with One-Click Camera Connection

Axis network camera housings

Axis network camera housings, worldwide

	Product	Compatible with:
	AXIS T92E Housing Series Aluminum construction Indoor/Outdoor AXIS T92E05: Power not required AXIS T92E20: Power over Ethernet (PoE) IEEE 802.3af or High Power over Ethernet (High PoE)	AXIS T92E05: AXIS M11 Series, AXIS P13 Series, AXIS Q1755 AXIS T92E20: AXIS M1113, AXIS M1114, AXIS P13 Series, AXIS Q16 Series, AXIS Q1755
	AXIS T93E05 Protective Housing Acrylate construction Indoor/Outdoor Power not required	AXIS M11 Series
	AXIS T95A Series Dome Housing Aluminum construction Indoor/Outdoor AXIS T95A00: 100-230 V AC AXIS T95A10: 24 V AC	Following PTZ cameras: AXIS 214, AXIS 215, AXIS 232D+, AXIS 233D
	AXIS T92A Housing Aluminum construction Indoor/outdoor AXIS T92A00: 100-240 V AC AXIS T92A10: 24 V AC AXIS T92A20: High PoE	AXIS 211W, AXIS 221, AXIS P1343, AXIS P1344, AXIS P1346, AXIS P1347, AXIS Q16 Series, AXIS Q1755
	AXIS T97A10 Enclosure IP66-rated wall mount enclosure	AXIS Q7401 Video Encoder, AXIS P8221 Network I/O Audio Module and AXIS P7701 Video Decoder

Axis network camera housings, Europe

	VT Vandal-Resistant Housing AVTPSC Steel construction Indoor
	VT Verso Housing Technopolymer plastic Indoor/outdoor

Axis network camera housings, North and Central America

	Indoor Vandal Resistant Housings Steel construction Indoor		AXIS Fixed Wireless Housing Aluminum construction Outdoor
	AXIS Indoor Fixed Housing Aluminum construction Indoor		AXIS Indoor Fixed Camera Dome Steel construction Indoor
	AXIS Outdoor Fixed Housing Aluminum construction Outdoor		AXIS Pendant Vandal Dome Aluminum construction Indoor

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