

Axis Network Cameras

Fixed Network Cameras: indoor								Fixed Network Cameras: indoor/outdoor				
	AXIS 206 Network Camera	AXIS 207/ AXIS 207W Network Camera	AXIS 207MW Network Camera	AXIS 209FD-R Network Camera	AXIS 210/ AXIS 210A Network Camera	AXIS 216FD/ AXIS 216FD-V Network Camera	AXIS 216MFD/ AXIS 216MFD-V Network Camera	AXIS 211 AXIS 211A Network Camera	AXIS 211M Network Camera	AXIS 221 Network Camera	AXIS 223M Network Camera	AXIS 225FD Network Camera
												
Image sensor	1/4" Micron progressive scan CMOS	1/4" Micron progressive scan RGB CMOS	1/3" Micron progressive scan RGB CMOS 1.3 Megapixel	1/4" Micron progressive scan RGB VGA CMOS	1/4" Sony Wfine progressive scan RGB CCD	1/4" Micron progressive scan RGB CMOS	1/3" Micron progressive scan RGB CMOS 1.3 Megapixel	1/4" Sony Wfine progressive scan RGB CCD	1/3" Micron progressive scan RGB CMOS 1.3 Megapixel	1/3" Sony Wfine progressive scan RGB CCD	1/2.7" Sony Wfine progressive scan RGB CCD 2 Megapixel	1/4" Sony Wfine progressive scan RGB CCD
Day and Night										Automatic	Automatic	Automatic
Lens	4.0 mm/F2.0 fixed iris	4.0 mm/F2.0 fixed iris	3.6 mm/F1.8 fixed iris	3.0 mm/F2.0 fixed iris	4.0 mm/F1.2 fixed iris CS mount	Varifocal 2.8 - 10 mm/F1.3 DC-iris	Varifocal 2.8 - 10 mm/F1.3 DC-iris	Varifocal 3.0 - 8.0 mm/F1.0 DC-iris, CS mount	3.0 - 8.0 mm/F1.0 DC-iris, CS mount	Varifocal 3.0 - 8.0 mm/F1.0 DC-iris, CS mount	Varifocal 4.0 - 8.0 mm/F1.4 DC-iris, C-mount ⁴	Varifocal 2.8 - 5.8 mm/F1.4 DC-iris
Min illumination/ light sensitivity (lux)	4 - 10,000	1 - 10,000	2 - 10,000	1.5 - 10,000	1 - 10,000	1	2	0.75	1	0.65 (color) 0.08 (B/W)	1.5 (color) 0.2 (B/W)	1 (color) 0.2 (B/W)
Video compression	Motion JPEG	Motion JPEG MPEG-4	Motion JPEG MPEG-4	Motion JPEG MPEG-4	Motion JPEG MPEG-4	Motion JPEG MPEG-4	Motion JPEG MPEG-4	Motion JPEG MPEG-4	Motion JPEG MPEG-4	Motion JPEG MPEG-4	Motion JPEG MPEG-4	Motion JPEG MPEG-4
Max video resolution (pixels)	640 x 480	640 x 480	1280 x 1024	640 x 480	640 x 480	640 x 480	1280 x 1024	640 x 480	1280 x 1024	640 x 480	1600x900 (16:9) 1600x1200 (4:3)	640 x 480
Frames per second	Up to 30, for all resolutions	Up to 30, for all resolutions	Up to 14 in resolutions up to 1280x720, up to 12 in 1280x1024	Up to 30, for all resolutions	Up to 30, for all resolutions	Up to 30, for all resolutions	Up to 30 in resolutions up to 800x600, up to 12 in 1280x1024	Up to 30, for all resolutions	Up to 24, for all resolutions	Up to 45, for all resolutions	12 (16:9) 9 (4:3)	Up to 30, for all resolutions
Audio support		One-way	One-way		Two-way ³	Two-way	Two-way	Two-way ³	Two-way		Two-way	
Alarm inputs/outputs		1/1	1/1		1/1	1/1	1/1	1/1	1/1	2/1	2/1	2/1
Embedded analytics		Motion detection Audio detection	Motion detection Audio detection	Motion Detection Active tampering alarm	Motion detection Audio detection ³	Motion detection Audio detection	Motion detection Audio detection	Motion detection Audio detection ³	Motion detection Audio detection	Motion detection	Motion detection Audio detection	Motion detection
Security	Multi-level password	Multi-level password IP filtering ¹ HTTPS encryption ¹	Multi-level password IP filtering HTTPS encryption	Multi-level password IP filtering HTTPS encryption	Multi-level password IP filtering HTTPS encryption ³ IEEE 802.1X ³	Multi-level password IP filtering HTTPS encryption	Multi-level password IP filtering HTTPS encryption IEEE 802.1X	Multi-level password IP filtering HTTPS encryption ³ IEEE 802.1X ³	Multi-level password IP filtering HTTPS encryption IEEE 802.1X	Multi-level password IP filtering HTTPS encryption	Multi-level password IP filtering HTTPS encryption IEEE 802.1X	Multi-level password IP filtering HTTPS encryption
Network	IPv4	IPv4, IPv6 ¹	IPv4/v6	IPv4/v6 QoS	IPv4/v6 QoS ³	IPv4/v6 QoS	IPv4/v6 QoS	IPv4/v6 QoS ³	IPv4/v6 QoS	IPv4	IPv4/v6	IPv4
Power over Ethernet (IEEE 802.3af)	See note ²	See note ²	Class 1	Class 1	Class 2 ²	Class 1	Class 1	Class 2	Class 2	Class 2	Class 2	Class 2
Serial connectors										RS-232, RS-485/422	RS-232, RS-485/422	RS-485/422
Other	AXIS Camera Station One included	AXIS Camera Station One included	AXIS Camera Station One included	Tamper-resistant IP66-rated casing		Tamper-resistant AXIS 216MFD-V: Vandal-resistant	Tamper-resistant AXIS 216MFD-V: Vandal-resistant					Vandal-resistant, IP66-rated casing Heater and fan

1) AXIS 207W only 2) PoE splitter available for AXIS 206/AXIS 207/AXIS 210 3) AXIS 210A/ AXIS 211A only 4) Camera can be used with C/CS lens



Axis Network Cameras, Software and Accessories

	Pan/Tilt/Zoom Cameras					
	AXIS 212 PTZ Network Camera	AXIS 213 PTZ Network Camera ⁵	AXIS 214 PTZ Network Camera ⁵	AXIS 215 PTZ Network Dome Camera	AXIS 231D+ / AXIS 232D+ Network Dome Camera	AXIS 233D Network Dome Camera
Product Portfolio Network Cameras						
Image sensor	1/2" progressive scan CMOS 3 Megapixel	1/4" CCD	1/4" Sony ExView HAD CCD	1/4" Sony CCD	1/4" Sony ExView HAD CCD	1/4" ExView HAD progressive scan CCD
Day and Night		Configurable Built-in IR lamp	Automatic	Automatic	Automatic ⁸	Automatic
Lens	2.7 mm/F1.8 fixed iris 3x instant zoom	3.5 - 91 mm auto iris and auto focus 26x optical zoom 12x digital zoom	4.1 - 73.8 mm auto iris and auto focus 18x optical zoom 12x digital zoom	3.8 - 46 mm autofocus 12x optical zoom 4x digital zoom	4.1 - 73.8 mm auto iris and auto focus 18x optical zoom 12x digital zoom	3.4 - 119 mm auto iris and auto focus 35x optical zoom 12x digital zoom
Min illumination/light sensitivity (lux)	10 lux wide mode 20 lux tele mode	1 (color) 0.1 (B/W)	0.3 (color) 0.005 (B/W)	1 (color) 0.3 (B/W)	0.3 (color) 0.005 (B/W) ⁸	0.5 (color) 0.008 (B/W)
Video compression	Motion JPEG MPEG-4	Motion JPEG MPEG-4				
Max video resolution (pixels)	640 x 480	4CIF	4CIF	4CIF	4CIF	4CIF
Frames per second (NTSC/PAL)	Up to 30 for all resolutions	Up to 30/25 for all resolutions	Up to 30/25 for all resolutions	Up to 30/25 for all resolutions	Up to 30/25 for all resolutions	30/25 for all resolutions
Pan/Tilt/Zoom - Pan range - Tilt range	20 presets 140° 105° Guard tour	20 presets 340° 100°	20 presets 340° 120°	20 presets 360° ⁷ 180°	50 presets 360° endless 90° Guard tour	100 presets 360° endless 180° Guard tour
Audio support	Two-way	Two-way ⁶	Two-way	Two-way		Two-way
Alarm inputs/outputs	1/1	2/3 ⁶	1/1	1/1	4/4	4/4
Embedded analytics	Motion detection Audio detection	Motion detection	Motion detection	Motion detection Audio detection	Motion detection	Motion detection Audio detection
Security	Multi-level password IP filtering HTTPS encryption	Multi-level password IP filtering	Multi-level password IP filtering HTTPS encryption	Multi-level password IP filtering HTTPS encryption IEEE 802.1X	Multi-level password IP filtering HTTPS encryption IEEE 802.1X	Multi-level password IP filtering HTTPS encryption IEEE 802.1X
Network	IPv4/v6	IPv4	IPv4	IPv4/v6, QoS	IPv4/v6	IPv4/v6, QoS
Analog video		✓ ⁶				
Serial connectors		RS-232 ⁶			RS-232	
Other	Designed for continuous motion 24/7	Built-in IR light up to 3 m		Auto-flip and E-flip functionality	Designed for continuous motion 24/7	Designed for continuous motion 24/7

5) Also configurable for desktop use 6) With AXIS 213CM 7) via Auto-flip 8) AXIS 232D+ only

Video management software

AXIS Camera Station



AXIS Camera Station software offers advanced video recording, monitoring and search functionality.

Together with Axis network cameras and video servers, this IP-Surveillance software provides high quality recordings in Motion-JPEG and MPEG-4.

Scalable to 25 video sources, the software offers continuous recording or recording on schedule, on alarm or when motion detection is detected.

Additional AXIS Image Enhancer component improves image quality in poor visibility conditions such as fog, smoke, rain and snow.

Base license for 4 or 10 cameras
Add-on license for 1 or 5 cameras

AXIS Camera Management



AXIS Camera Management offers powerful and efficient installation and management capabilities.

Locates multiple Axis video products automatically on the local network using standard network protocols.

Sets the IP addresses, shows connection status, manages firmware upgrades and configuration of multiple Axis video products.

More video management software applications available via partners:
www.axis.com/adp_cd

Accessories

Power over Ethernet Midspans and Splitters



Power over Ethernet (PoE) devices provides power to fixed network cameras and video servers over existing Ethernet infrastructure using standard Category 5 cabling.

Midspans available in 1, 6 and 12 port versions and compatible with IEEE 802.3af.

Splitters available in 12 V and 18 V DC versions. 18 V version compatible with IEEE 802.3af.

AXIS Camera Housings



Axis offers convenient and tailor-made solutions for mounting Axis network cameras outdoors and in other harsh environments

Application options:

- Outdoor environments
- Cold environments
- Dusty, humid and adverse industrial environments
- Subways, railway stations, road tunnels etc.

Further information can be found at www.axis.com/products/cam_housing and in the respective datasheets: AXIS 290A/290B Outdoor Housing, Videotec Verso Housing, Videotec DBH24K Dome Housing, AXIS Outdoor/Indoor Fusion Dome, AXIS Outdoor Vandal Fusion Dome, AXIS Indoor Recessed Enclosure, Verso Cool Outdoor Housing, AXIS 206/207 Vandal-Resistant Housing

Axis Video Servers



Axis video servers protect current investments in analog systems and give all the benefits of IP-Surveillance. More information available at www.axis.com/security/

AXIS 295 Video Surveillance Joystick



AXIS 295 is a three-axis Hall-effect joystick with 12 programmable push-buttons and USB interface. It integrates seamlessly with any video surveillance software platform recognizing joystick inputs via Microsoft's DirectX. Easy to install, simply connect the joystick to the USB port on your computer and control the cameras.