

Axis Optional Lenses

Lenses for special surveillance requirements



- > Tested and approved for Axis cameras
- > Extended surveillance possibilities
- > Excellent image quality maintained

Axis network cameras are equipped with carefully selected lenses to provide the best possible performance and durability. Axis also offers various optional lenses for adverse circumstances or for meeting special surveillance requirements.

Natural obstacles, adverse conditions, or the need for semi-covert surveillance can place extraordinary demands on surveillance equipment. Axis therefore supplies a range of tested and approved optional lenses for meeting requirements on wide angle viewing, magnification, and reduction of barrel distortion.

Axis optional lenses are available for network cameras with M12 mounts or CS mounts.

Axis offers lenses for both megapixel cameras and day-and-night cameras, thus extending surveillance possibilities whilst maintaining excellent image quality.



Technical specifications – Axis Optional Lenses

Pentax Varifocal Lens 5 – 50 mm (5500–291)	
Description	Sharp, detailed images with extensive field of view
Mount	CS mount
Focal length	5 – 50 mm
Aperture	F 1.8
Sensor format & horizontal angle of view*	1/4" sensor: 4 – 38° 1/3" sensor: 6 – 50° <i>*Angle of view may vary depending on camera model</i>
Supported cameras	AXIS 211, AXIS 211A, AXIS, 211W, AXIS 221
Dimensions (LxHxW)	65 x 50 x 45 mm (2.6" x 2.0" x 1.8")

Varifocal Megapixel Lens 2.4 – 6 mm (5500–871)	
Description	Megapixel lens with wide angle to see it all
Mount	CS mount
Focal length	2.4 – 6 mm
Aperture	F 1.2
Sensor format & horizontal angle of view*	1/3" sensor: 47 – 111° <i>*Angle of view may vary depending on camera model</i>
Supported cameras	AXIS 211M, AXIS 223M
Dimensions (LxHxW)	62 x 55 x 44 mm (2.4" x 2.1" x 1.7")

Varifocal Lens 10 – 40 mm D/N (5502–121)	
Description	Day and night telephoto lens for high quality images
Mount	CS mount
Focal length	10 – 40 mm
Aperture	F 1.4
Sensor format & horizontal angle of view*	1/3" sensor: 13 – 32° <i>*Angle of view may vary depending on camera model</i>
Supported cameras	AXIS 221
Dimensions (LxHxW)	66 x 54 x 43 mm (2.6" x 2.1" x 1.7")

Megapixel Lens 2.8 mm (5502–101)	
Description	Megapixel lens
Mount	M12 mount
Focal length	2.8 mm
Aperture	F 2.6
Sensor format & horizontal angle of view	1/4" sensor: 106° 1/3" sensor: 78°
Supported cameras	AXIS 209FD/-R, AXIS 209MFD/-R, AXIS M3011, AXIS M3014
Dimensions (L x Ø)	16 x 14 mm (0.6" x 0.5")

Megapixel Lens 3.6 mm (5502–151)	
Description	Megapixel lens
Mount	M12 mount
Focal length	3.6 mm
Aperture	F 1.8
Sensor format & horizontal angle of view	1/4" sensor: 56° 1/3" sensor: 74°
Supported cameras	AXIS 209FD/-R, AXIS 209MFD/-R, AXIS M3011, AXIS M3014
Dimensions (L x Ø)	17 x 14 mm (0.7" x 0.5")

Megapixel Lens 6 mm (5502–111)	
Description	Megapixel lens
Mount	M12 mount
Focal length	6 mm
Aperture	F 1.8
Sensor format & horizontal angle of view	1/4" sensor: 34° 1/3" sensor: 44°
Supported cameras	AXIS 209FD/-R, AXIS 209MFD/-R, AXIS M3011, AXIS M3014
Dimensions (L x Ø)	17 x 14 mm (0.7" x 0.5")

Megapixel Lens 8 mm (5502–411)	
Description	Megapixel lens
Mount	M12 mount
Focal length	8 mm
Aperture	F 1.8
Sensor format & horizontal angle of view	1/4" sensor: 26° (28° for AXIS M3014 only) 1/3" sensor: 28°
Supported cameras	AXIS 209FD/-R, AXIS 209MFD/-R, AXIS M3011, AXIS M3014
Dimensions (L x Ø)	17.4 x 14 mm (0.7" x 0.5")

Megapixel Lens 16 mm (5502–161)	
Description	Megapixel lens
Mount	M12 mount
Focal length	16 mm
Aperture	F 2.0
Sensor format & horizontal angle of view	1/4" sensor: 12° 1/3" sensor: 16°
Supported cameras	AXIS 209FD/-R, AXIS 209MFD/-R, AXIS M3011, AXIS M3014
Dimensions (L x Ø)	16 x 14 mm (0.6" x 0.5")

Theia Fixedfocal Megapixel Lens 1.7 mm (5502–451)	
Description	Wide angle lens without barrel distortion
Mount	CS mount
Focal length	1.7 mm
Aperture	F 1.8
Sensor format & horizontal angle of view	1/2.7" sensor: 115° 1/3" sensor: 111°
Supported cameras	AXIS 221, AXIS 223M
Dimensions (L x Ø)	56 x 33 mm (2.2" x 1.3")

Raynox Conversion Lens 0.5x zoom (5500–501)	
Description	Wide angle conversion lens
Mount	M37 mount
Zoom	0.5x
Supported cameras	AXIS Q1755
Dimensions (L x Ø)	40 x 62 mm (1.6" x 2.4")

Raynox Conversion Lens 2.2x zoom (5500–511)	
Description	High-Definition telephoto conversion lens
Mount	M37 mount
Zoom	2.2x
Supported cameras	AXIS Q1755
Dimensions (L x Ø)	73 x 55 mm (2.9" x 2.2")

More information is available at www.axis.com/accessories