

Optional CS-mount lenses

Greater flexibility for specific surveillance needs

Axis fixed network cameras are equipped with carefully selected lenses to provide the best possible performance and durability. A wide variety of different CS mount lenses helps meet different surveillance requirements or specifications such as resolution, focal length or aperture. The match between a lens, the camera sensor and the mechanical design is crucial for the performance of a camera. Axis offers tested and approved optional CS mount lenses allowing for greater surveillance flexibility while maintaining excellent image quality. The CS mount portfolio includes i-CS, P-Iris and DC-iris lenses, ranging from wide-angle lenses, with barrel distortion reduction, to telephoto lenses.

- > [Tested and approved by Axis](#)
- > [Targeted at specific needs](#)
- > [Excellent video quality](#)
- > [Lenses for extreme light sensitivity](#)
- > [Day and night lenses](#)



Theia Varifocal Ultra Wide Lens 1.8–3.0 mm

Part number	5503-161	IR-corrected
Image sensor	1/2.5" (Ø 7.2 mm)	CS-mount
Properties	1.8–3.0 mm, F1.8 DC-Iris	For compatible products, go to axis.com
Dimensions	Max length x max width: 49.3 x 50 mm (1.9 x 2 in)	

Lens CS 2.8–8 mm F1.2 P-Iris 5 MP

Part number	5800-671	IR-corrected
Image sensor	1/2.7" (Ø 6.6 mm)	CS-mount
Properties	2.8–8 mm, F1.2 P-Iris	For compatible products, go to axis.com
Dimensions	Max length x max width: 54.1 x 58.1 mm (2.1 x 2.3 in)	

Fujinon Varifocal Megapixel Lens 2.8–8 mm, P-Iris & CS-mount

Part number	5506-721	IR-corrected
Image sensor	1/2.7" (Ø 6.6 mm)	CS-mount
Properties	2.8–8 mm, F1.2 P-Iris	For compatible products, go to axis.com
Dimensions	Max length x max width: 54.1 x 54 mm (2.1 x 2.1 in)	

Lens Computar i-CS 2.8–8.5 mm

Part number	5901-101	IR-corrected
Image sensor	1/2.7" (Ø 6.6 mm)	CS-mount
Properties	2.8–8.5 mm, F1.2 i-CS	For compatible products, go to axis.com
Dimensions	Max length x max width: 59 x 67.5 mm (2.3 x 2.7 in)	

Varifocal Lens 2.8–8.5 mm, P-Iris

Part number	5801-491	IR-corrected
Image sensor	1/2.7" (Ø 6.6 mm)	CS-mount
Properties	2.8–8.5 mm, F1.2 P-Iris	For compatible products, go to axis.com
Dimensions	Max length x max width: 59 x 56 mm (2.3 x 2.2 in)	

Lens CS 2.8–10 mm F1.2 P-Iris 2 MP

Part number	01949-001	IR-corrected
Image sensor	1/2.7" (Ø 6.6 mm)	CS-mount
Properties	2.8–10 mm, F1.2 P-Iris	For compatible products, go to axis.com
Dimensions	Max length x max width: 59 x 56 mm (2.3 x 2.2 in)	

Lens CS 2.8–13 mm F1.4 DC-Iris 5 MP

Part number	01775-001	IR-corrected
Image sensor	1/2.7" (Ø 6.8 mm)	CS-mount
Properties	2.8–13 mm, F1.4 DC-Iris	For compatible products, go to axis.com
Dimensions	Max length x max width: 70.6 x 65.2 mm (2.8 x 2.6 in)	

Lens CS 3–10.5 mm F1.4 DC-Iris 2 MP

Part number	01774-001	IR-corrected
Image sensor	1/2.7" (Ø 6.9 mm)	CS-mount
Properties	3–10.5 mm, F1.4 DC-Iris	For compatible products, go to axis.com
Dimensions	Max length x max width: 37.6 x 46.7 mm (1.5 x 1.8 in)	

Lens i-CS 1/1.8" 3.9–10 mm F1.5

Part number	02367-001	IR-corrected
Image sensor	1/1.8" (Ø 8.9 mm)	CS-mount
Properties	3.9–10 mm, F1.5 i-CS	For compatible products, go to axis.com

Dimensions Max length x max width: 59 x 67.5 mm (2.3 x 2.7 in)

Lens i-CS 3.9–10 mm F1.5 8 MP

Part number 01576-001
Image sensor 1/1.8" (Ø 8.9 mm)
Properties 3.9–10 mm, F1.5
i-CS

IR-corrected
CS-mount
For compatible products, go to axis.com
Dimensions Max length x max width: 72.8 x 67.5 mm (2.9 x 2.7 in)

Lens CS 3.9–10 mm F1.5 P-Iris 8 MP

Part number 02094-001
Image sensor 1/1.8" (Ø 8.9 mm)
Properties 3.9–10 mm, F1.5
P-Iris

IR-corrected
CS-mount
For compatible products, go to axis.com
Dimensions Max length x max width: 59 x 56 mm (2.3 x 2.2 in)

Lens CS 4–10 mm F0.9 P-Iris

Part number 02448-001
Image sensor 1/1.8" (Ø 8.9 mm)
Properties 4–10 mm, F0.9
P-Iris

IR-corrected
CS-mount
For compatible products, go to axis.com
Dimensions Max length x max width: 77.9 x 80.1 mm (3.1 x 3.2 in)

Tamron Varifocal 5MP Lens 4–13 mm, DC-Iris & C-mount

Part number 5506-731
Image sensor 1/1.8" (Ø 9.5 mm)
Properties 4–13 mm, F1.5
DC-Iris

IR-corrected
C- and CS-mount
For compatible products, go to axis.com
Dimensions Max length x max width: 92.5 x 68.9 mm (3.6 x 2.7 in)

Ricom 2 MP Lens DC-Iris 8–26 mm F0.9

Part number 01577-001
Image sensor 1/1.7" (Ø 9.6 mm)
Properties 8–26 mm, F0.9
DC-Iris

IR-corrected
CS-mount
For compatible products, go to axis.com
Dimensions Max length x max width: 103.5 x 66 mm (4.1 x 2.6 in)

Tamron 5 MP Lens P-Iris 8–50 mm F1.6

Part number 01469-001
Image sensor 1/2.7" (Ø 6.8 mm)
Properties 8–50 mm, F1.6
P-Iris

IR-corrected
CS-mount
For compatible products, go to axis.com
Dimensions Max length x max width: 73.5 x 62.1 mm (2.9 x 2.4 in)

Fujinon Varifocal Lens 8–80 mm, DC-Iris

Part number 5506-991
Image sensor 1/2" (Ø 8 mm)
Properties 8–80 mm, F1.6
DC-Iris

IR-corrected
C- and CS-mount
For compatible products, go to axis.com
Dimensions Max length x max width: 94.3 x 66.3 mm (3.7 x 2.6 in)

Theia Varifocal Telephoto Lens 9–40 mm, P-Iris

Part number 5504-901
Image sensor 1/2.5" (Ø 7.2 mm)
Properties 9–40 mm, F1.5
P-Iris

IR-corrected
CS-mount
For compatible products, go to axis.com
Dimensions Max length x max width: 49.3 x 55 mm (1.9 x 2.2 in)

Theia Varifocal Telephoto Lens 9–40 mm, DC-Iris

Part number 5503-171
Image sensor 1/2.5" (Ø 7.2 mm)
Properties 9–40 mm, F1.5
DC-Iris

IR-corrected
CS-mount
For compatible products, go to axis.com

Dimensions Max length x max width: 49.3 x 55 mm (1.9 x 2.2 in)

Lens i-CS 9–50 mm F1.5 8 MP

Part number 01727-001

Image sensor 1/1.8" (Ø 8.9 mm)

Properties 9–50 mm, F1.5
i-CS

IR-corrected

CS-mount

For compatible products, go to axis.com

Dimensions

Max length x max width: 104.8 x 83.8 mm (4.1 x 3.3 in)

Lens CS 12–50 mm F1.4 P-Iris 8 MP

Part number 01690-001

Image sensor 1/1.8" (Ø 9.3 mm)

Properties 12–50 mm, F1.4
P-Iris

IR-corrected

CS-mount

For compatible products, go to axis.com

Dimensions

Max length x max width: 79.5 x 68.6 mm (3.1 x 2.7 in)

Computar 12.5–50 mm, P-Iris

Part number 5800-801

Image sensor 1/2.7" (Ø 6.6 mm)

Properties 12.5–50 mm, F1.4
P-Iris

IR-corrected

CS-mount

For compatible products, go to axis.com

Dimensions

Max length x max width: 58.2 x 60 mm (2.3 x 2.4 in)

Computar 12.5–50 mm, DC-Iris

Part number 5800-791

Image sensor 1/2.7" (Ø 6.6 mm)

Properties 12.5–50 mm, F1.4
DC-Iris
IR-corrected
CS-mount

For compatible products, go to axis.com

Dimensions

Max length x max width: 58.2 x 60 mm (2.3 x 2.4 in)

Environmental responsibility:

axis.com/environmental-responsibility