

# Lenses

Lenses with variable focal lengths,  
for a wide-range of applications



## Product information

- | Z3,5-8,0MI-IR
- | Z3,5-10,5MI-IRFS
- | Z2,3-6,0AI-DC
- | Z2,8-6,0AI-DC-IR
- | Z3,5-8,0AI-DC-IR
- | Z3,5-10,5AI-DC-IRFS
- | Z4,5-12,5AI-DC-IRFS

## Technical data

<b>5.09100</b>	<b>Z3,5-8,0MI-IR</b>	Manual day/night vario focal lens for use under normal and infrared lighting conditions. Focal length: 3.5 - 8.0 mm, F-stop: F1.4 - 16, Format: 1/3" Mount type: CS-Mount 1/3" angle of view H: 77.6°-35.4° V: 58.2°-26.6° Minimum object distance: 40 cm Dimensions in mm (W x H x D): 34.0 x 34.0 x 43.5, Weight: 38 g
<b>5.09110</b>	<b>Z3,5-10,5MI-IRFS</b>	Manual day/night vario focal lens for use under normal and infrared lighting conditions. Corrected trace of rays for mixed lighting conditions => no focus-shift for wavelength up to 850 nm. Focal length: 3.5 - 10.5 mm, F-stop: F1.0 - 16, Format: 1/3" Mount type: CS-Mount 1/3" angle of view H: 81.8°-27.2° V: 61.4°-20.4° Minimum object distance: 30 cm Dimensions in mm (W x H x D): 41.6 x 41.6 x 48.8, Weight: 63 g
<b>5.09120</b>	<b>Z2,3-6,0AI-DC</b>	Vario focal lens with direct controlled iris. Focal length: 2.3 - 6.0 mm F-stop: F1.2 - 360 Format: 1/3" Mount type: CS-Mount 1/3" angle of view H: 114.8°-48.2° V: 86.1°-36.2° Minimum object distance: 30 cm Dimensions in mm (W x H x D): 38.5 x 48.0 x 48.8, Weight: 78 g
<b>5.09140</b>	<b>Z2,8-6,0AI-DC-IR</b>	Day/Night vario focal lens with direct controlled iris for use under normal and infrared lighting conditions. Focal length: 2.8 - 6.0 mm, F-stop: F1.4 - 360, Format: 1/3" Mount type: CS-Mount 1/3" angle of view H: 96.0°-47.2° V: 72.0°-35.4° Minimum object distance: 30 cm Dimensions in mm (W x H x D): 33.5 x 42.6 x 43.5 Weight: 50 g
<b>5.09150</b>	<b>Z3,5-8,0AI-DC-IR</b>	Day/Night vario focal lens with direct controlled iris for use under normal and infrared lighting conditions. Focal length: 3.5 - 8.0 mm, F-stop: F1.4 - 360 Format: 1/3" Mount type: CS-Mount 1/3" angle of view H: 77.6°-35.4° V: 58.2°-26.6° Minimum object distance: 40 cm Dimensions in mm (W x H x D): 33.5 x 42.6 x 43.5, Weight: 48 g
<b>5.09160</b>	<b>Z3,5-10,5AI-DC-IRFS</b>	Day/Night vario focal lens with direct controlled iris for use under normal and infrared lighting conditions. Corrected trace of rays for mixed lighting conditions => no focus-shift for wavelength up to 850 nm. Focal length: 3.5 - 10.5 mm, F-stop: F1.0 - 360, Format: 1/3" Mount type: CS-Mount 1/3" angle of view H: 81.8°-27.2° V: 61.4°-20.4° Minimum object distance: 30 cm Dimensions in mm (W x H x D): 38.5 x 48.0 x 48.8, Weight: 65 g
<b>5.09170</b>	<b>Z4,5-12,5AI-DC-IRFS</b>	Day/Night vario focal lens with direct controlled iris for use under normal and infrared lighting conditions. Corrected trace of rays for mixed lighting conditions => no focus-shift for wavelength up to 850 nm. Focal length: 4.5 - 12.5 mm, F-stop: F1.2 - 360, Format: 1/2" Mount type: CS-Mount 1/2" angle of view H: 83.7°-30.1° V: 62.8°-22.6° 1/3" angle of view H: 61.3°-22.6° V: 46.0°-17.0° Minimum object distance: 30 cm Dimensions in mm (W x H x D): 38.5 x 47.5 x 48.8, Weight: 68 g

Technical alterations reserved

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