

V1112 Series

IR Fixed-Focal 1/3" Lenses w/DC Auto Iris

Infinova[®]
The Integrator's Manufacturer

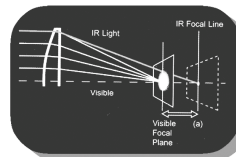


- **4.0 mm and 8.0 mm focal lengths**
- **DC auto iris**
- **Functions in both visible and IR wavelength ranges, and is well suited for day/night cameras**
- **Dynamic auto aperture range from F/1.2 ~ F/360 under visible light conditions**
- **Multi-coated**
- **Locking mechanism built into rings**
- **Built-in slip mount mechanism**
- **Environmentally conscious design**
- **Light weight and compact chassis**

V1112 series IR fixed-focal 1/3" lenses w/DC auto iris correct aberrations that occur in both visible light and infrared (IR) light, producing a clear image under either type of lighting. The lenses are multi-coated to reduce ghosting and flare caused by backlighting, ensuring high contrast even under such adverse conditions. They are available in 4.0 mm and 8.0 mm focal lengths.

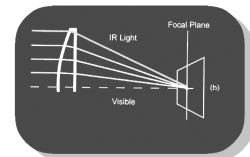
IR Lens Versus Non-IR Lens

Effect Standard Lens with IR Light



(a) The Difference between the visible and IR focal planes result in a blurry image.

IR Lens with IR Light



(b) Infinoval's technology corrects the aberrations that occur in both visible and IR light and results in a clear image.

Technical specifications

Image Size	1/3"
Mount	CS
Focal Length	V1112-4: 4.0 mm; V1112-8: 8.0 mm
Aperture	F/1.2 ~ F/360
Angle of View (Horizontal × Vertical)	V1112-4: 65.6°×49.7°; V1112-8: 34.5°×25.7°
Iris	DC auto iris
Focus	Manual

Minimum Object Distance	0.66 ft. (0.2 m)
Maximum Barrel Diameter	1.36" (∅ 34 mm)
Length	1.38" (35 mm)
Weight	0.088 lbs. (40 g)
Certifications and Approval	
Product Certifications	CE, ISO 9001: 2008

Ordering information

V1112-4	Lens, IR correction, f=4.0mm, F/1.2, DC auto iris, 1/3 inch, CS
V1112-8	Lens, IR correction, f=8.0mm, F/1.2, DC auto iris, 1/3 inch, CS