



V4-13VF-P



V12-50VF-P

Product at a Glance

- ▶ Compatible with V2008-W-NL camera
- ▶ Megapixel lenses
- ▶ 4-13 mm and 12-50 mm focal length models
- ▶ IR corrected optics
- ▶ P-iris versions
- ▶ 1/1.8-in. format
- ▶ CS mount

Overview

Vicon’s line of megapixel varifocal lenses are specifically compatible with the Roughneck V2008-W-NL box camera. The lenses have a CS-type mounts. They provide IR corrected optics for use in a wide range of applications.

There are two lenses in the series, offering a range of adjustable angle of views, allowing the camera to view the exact area required. The V4-13VF-P provides a focal length range of 4 - 13 mm; the V12-50VF-P offers a 12 - 50 mm focal length range. Focal length is adjustable between the two limits. The V4-13VF-P and V12-50VF-P provide P-iris using stepping motor switching control.

Ordering Information

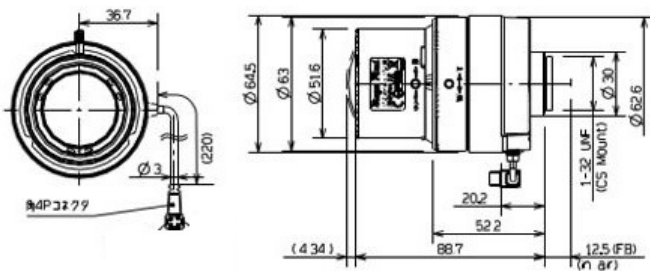
Format	Iris	Model Number
1-1/8-in.	P-iris	V4-13VF-P
1-1/8-in.	P-iris	V12-50VF-P

Specifications

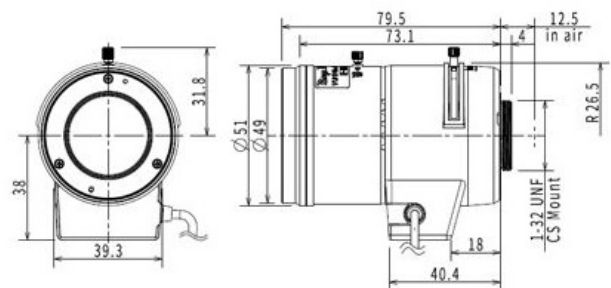
Model	V4-13VF-P	V12-50VF-P
Imager Format:	1/1.8-in.	1/1.8-in.
Mount Type:	CS	CS
Focal Length:	4 - 13 mm	12 - 50 mm
Aperture Range:	f/1.5 - Close	f/1.4 - Close
Field-of-View (HxV):	Wide: 105.4° x 77.6°; Tele: 33° x 24.8°	Wide: 34.0° x 25.5°; Tele: 8.5° x 6.4°
Focus Range:	0.3 m - ∞	1.0 m - ∞
Operation:	Focus: Manual with lock; Zoom: Manual with lock; Iris: P-iris	Focus: Manual with lock; Zoom: Manual with lock; Iris: P-iris
Zoom Ratio:	3.25X	4X
Back Focal Distance:	15.235 mm	9.62 mm
Wavelength:	Visible light ~ near Infrared	Visible light ~ near Infrared
Mechanical and Environmental		
Dimensions:	Refer to Dimension diagram	Refer to Dimension diagram
Weight:	6.1 oz (172 g)	4.5 oz (128 g)
Operating Voltage:	Open: 3 V; Close: 0.5 V	3 - 5 V
Operating Temperature:	-4° to 140° F (-20° to 60° C)	-4° to 140° F (-20° to 60° C)

Dimensional Drawings

V4-13VF-P



V12-50VF-P



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 Vicon Data Sheet Number: 8006-7318-13-00

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