

# Mega-Pixel Machine Vision Lens

## M118FM08

- Lens for Mega-Pixel Cameras
- Higher Close Up Capability
- Ultra low minimum Object Distance
- Compact Design



P/N	M118FM08	
Imager size	1/1.8"	
Mount	C-Mount	
Focal length	8mm	
Aperture	F/ 1.4	
Angle of View (horizontal x vertical)	1/1.8"	50.8° x 38.6°
	1/2"	45.0° x 34.0°
	1/3"	34.0° x 25.6°
Focusing range	0.1m - ∞	
Operation	Focus	Manual w/lock
	Iris	Manual w/lock
Filter size	M25.5 P=0.5mm	
Back focus (in air)	11.726mm	
Exit Pupil Position	-79.8mm	
Optical Construction	8 groups / 9 elements	
Distortion	-2% (distance 0.5m)	
Optical Overall Length	27.3mm	
Maximum Diameter	29mm	
Weight	44g	
Operating Temperature	-10 ~ 60°C	

