

# High Quality Machine Vision Lens

## 1A1HB

- High Resolution Lens
- Higher Close Up Capability
- ultra low distortion
- Compact Design



P/N		1A1HB
Imager size		2/3"
Mount		C-Mount
Focal length		75mm
Aperture		F/ 3.9
Angle of View (horizontal x vertical)	2/3"	6.90° x 5.2°
	1/2"	5.0° x 3.5°
	1/3"	3.5° x 2.5°
Focusing range		0.5m - ∞
Operation	Focus	Manual w/lock
	Iris	Manual w/lock
Filter size		M25.5mm P=0.5mm
Back focus (in air)		27.12mm
Exit Pupil Position		-41.42mm
Optical Construction		4 groups / 4 elements
Distortion		0.08% (distance 0.5m)
Optical Overall Length		65.5mm
Maximum Diameter		27.5mm
Weight		68g
Operating Temperature		-10 ~ 70°C

