

Mega-Pixel Machine Vision Lens

M118FM50

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



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|--|--------|------------------------|
| P/N | | M118FM50 |
| Imager size | | 1/1.8" |
| Mount | | C-Mount |
| Focal length | | 50mm |
| Aperture | | F/ 2.8 |
| Angle of View (horizontal x vertical) | 1/1.8" | 8.3° x 6.2° |
| | 1/2" | 7.3° x 5.5° |
| | 1/3" | 5.5° x 4.1° |
| Focusing range | | 0.20m - ∞ |
| Operation | Focus | Manual w/lock |
| | Iris | Manual w/lock |
| Filter size | | M25.5mm P=0.5mm |
| Back focus (in air) | | 20.10mm |
| Exit Pupil Position | | -28.6mm |
| Optical Construction | | 4 groups / 4 elements |
| Distortion | | -0.05% (distance 0.5m) |
| Optical Overall Length | | 62.60mm |
| Maximum Diameter | | 29mm |
| Weight | | 52g |
| Operating Temperature | | -10 ~ 60°C |

