

## NEW Ultra High Resolution

### M23FM50

- 2.5 $\mu$ m pixel pitch
- 2/3" Format
- very low distortion
- short MOD



P/N	M23FM50	
Imager size	2/3"	
Mount	C-Mount	
Focal length	50mm	
Aperture	F/ 2.8	
Angle of View (horizontal x vertical)	2/3"	10.1° x 7.6°
	1/2"	7.3° x 5.5°
	1/3"	5.5° x 4.1°
Focusing range	0.15m - $\infty$	
Operation	Focus	Manual w/lock
	Iris	Manual w/lock
Filter size	M49.0mm P=0.75mm	
Back focus (in air)	13.68mm	
Exit Pupil Position	-30.5mm	
Optical Construction	9 groups / 10 elements	
Distortion	less than 0.03% (distance 0.5m)	
Optical Overall Length	88.25mm	
Maximum Diameter	59mm	
Weight	374g	
Operating Temperature	-10 ~ 70°C	

