

## NEW Ultra High Resolution

### M23FM12

- 2.5µm pixel pitch
- 2/3" Format
- very low distortion
- short MOD



P/N		M23FM12
Imager size		2/3"
Mount		C-Mount
Focal length		12 mm
Aperture		F/ 1.8
Angle of View (horizontal x vertical)	2/3"	40.5° x 30.9°
	1/2"	30.0° x 22.7°
	1/3"	22.7° x 17.1°
Focusing range		0.10m - ∞
Operation	Focus	Manual w/lock
	Iris	Manual w/lock
Filter size		M49.0mm P=0.75mm
Back focus (in air)		16.68mm
Exit Pupil Position		-71.36mm
Optical Construction		10 groups / 12 elements
Distortion		less than -0.4 % (distance 0.5m)
Optical Overall Length		67.2mm
Maximum Diameter		55.0mm
Weight		333g
Operating Temperature		-10°C ~ 70°C

