

# Telecentric Lens With 55mm Focal Length

## PMS-TC55MC5M

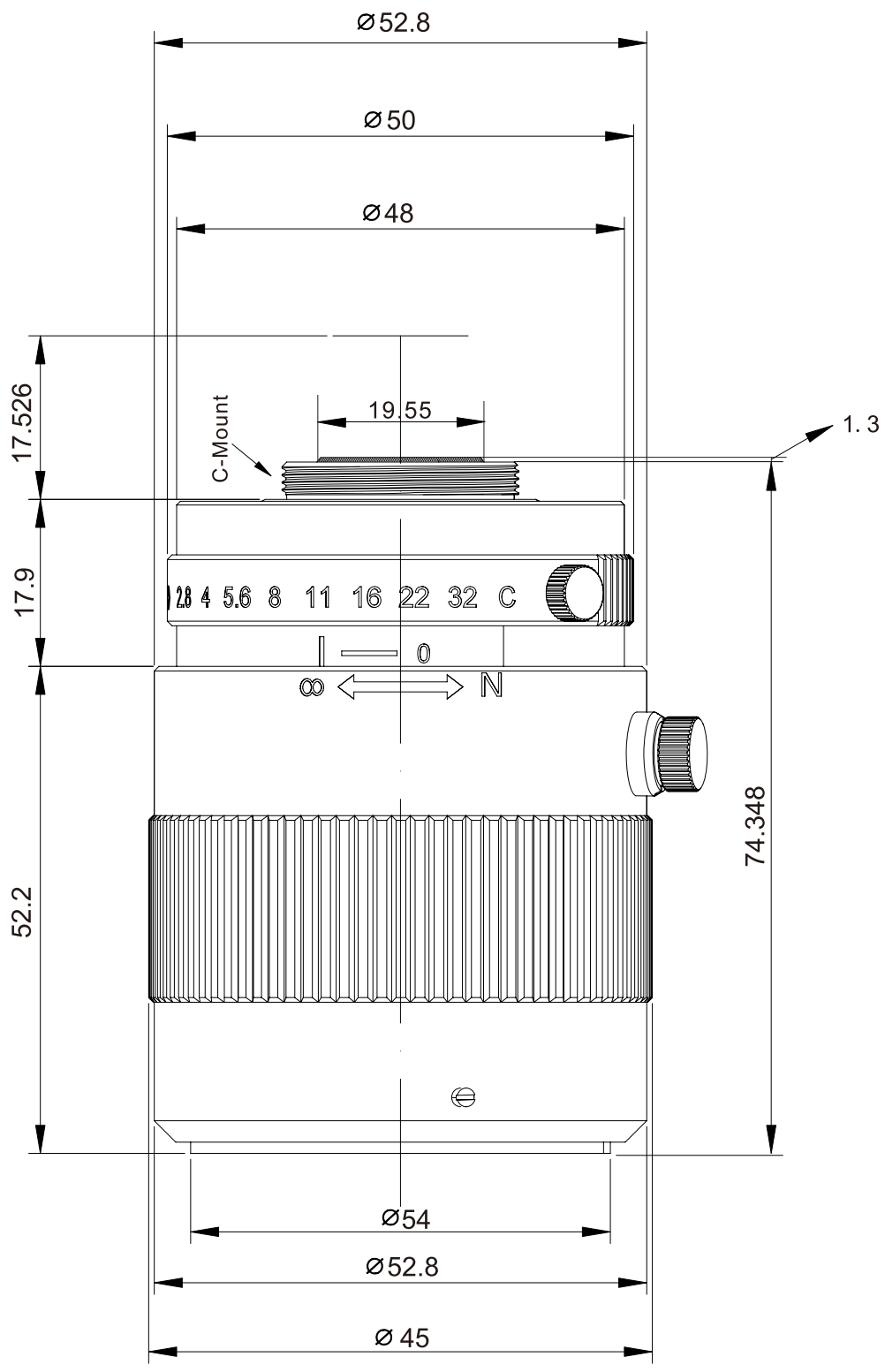
- 1.Support 5MP 2/3" camera
- 2.Manual iris,max focal length is 55mm
- 3.Deep depth of field,low distortion,high resolution
- 4.Telecentric optical design,suitable in machine vision, automatical industry application



Code		PMS-TC55MC5M
Magnification		0.5X-inf.
Resolution		3.45 $\mu$ m@2/3"CCD
Focal Length		55mm
Iris Range		F2.8~F32C
Max.Sensor Size		2/3"
Field Of View ( D X H X V )	2/3"	11.5°X9.2°X6.9°
	1/2"	8.4°X6.7°X5.0°
	1/3"	6.3°X5.0°X3.8°
Focus Range		0.13m ~ $\infty$
Object Dimensions (at the nearest focusing distance)	2/3"	21.4mmX17.1mmX12.8mm
	1/2"	15.6mmX12.4mmX9.3mm
	1/3"	11.7mmX9.3mmX7.0mm
Control	Focus	Manual
	Iris	Manual
Distortion (a t 0.5X)	2/3"	0.43%@y=5.5mm
	1/2"	0.26%@y=4.0mm
	1/3"	0.16%@y=3.0mm
Optical Back Focal Length(in air)		13.3mm
Filter Thread		M43X0.75mm
Mount		C-Mount
Illumination		--
Working Temperature		-10°C ~ +50°C

### PMS-TC55MC5M W.D. and F.O.V. cheakup table

WD (mm)	Field Of View(H)		
	2/3"	1/2"	1/3"
5000	804mm	565.4mm	439mm
3000	480mm	350mm	263mm
1000	158mm	115mm	86mm
500	77mm	56mm	42mm
300	45mm	33mm	25mm
200	29mm	21mm	16mm
130	17mm	13mm	10mm



Unit:mm	Scale	1:1
	Name	PMS-TC55MC5M
0.0    inch    1.0	Date	2013.6.20
0.0    mm    25.0	<b>POMEAS</b>	