

Pomeas TC Standard Telecentric Lens Series

PMS-1.5ST110-C

1. Support 2MP camera or below
2. Low distortion, high telecentricity and deep depth of field, more suitable for high precision positioning and measuring
3. Telecentric design
4. Support 2/3" Sensor
5. Standard C-Mount



Max.Sensor Size
2/3"

Magnification
1.5X

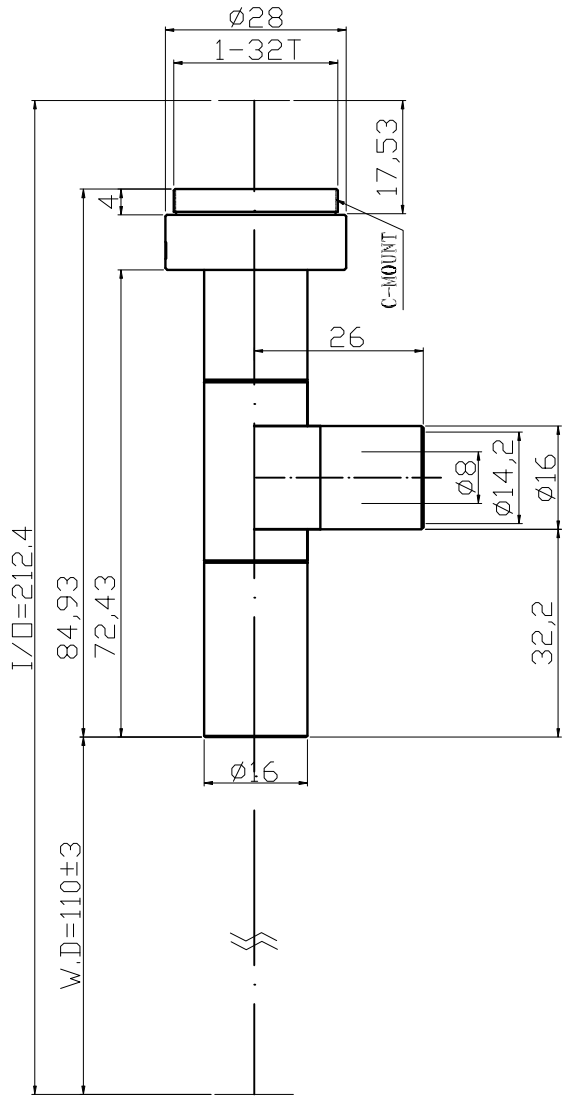
Working Distance
110mm

Resolution
12.43μm

C-Mount

Code		PMS-1.5ST110-C
Magnification		1.5X
Field of View	1/4"	2.1mm×1.6mm
	1/3"	3.2mm×2.4mm
	1/2.5"	3.8mm×2.9mm
	1/2.3"	4.1mm×3.1mm
	1/2"	4.3mm×3.2mm
	1/1.8"	4.8mm×3.6mm
	2/3"	5.9mm×4.4mm
Working Distance		110mm
Resolution		12.43μm
F.No.		27.8
TV Distortion		0.02%
Depth of Field*1		0.99mm
N.A.		0.027
Max.Sensor Size		2/3"
Mount		C-Mount
Illumination		Coaxial Illumination
Working Temperature		-10°C ~ +50°C

*1: Theoretical calculating value(based on diameter of defocused spots is 0.04mm),in the reality application, take its 1/2 will gain the best effect.



Unit:mm	Scale	1:1
	Name	PMS-1.5ST110-C
0.0 Inch 1.0 mm 0.0 25.0	Date	2013.12.4
		POMEAS