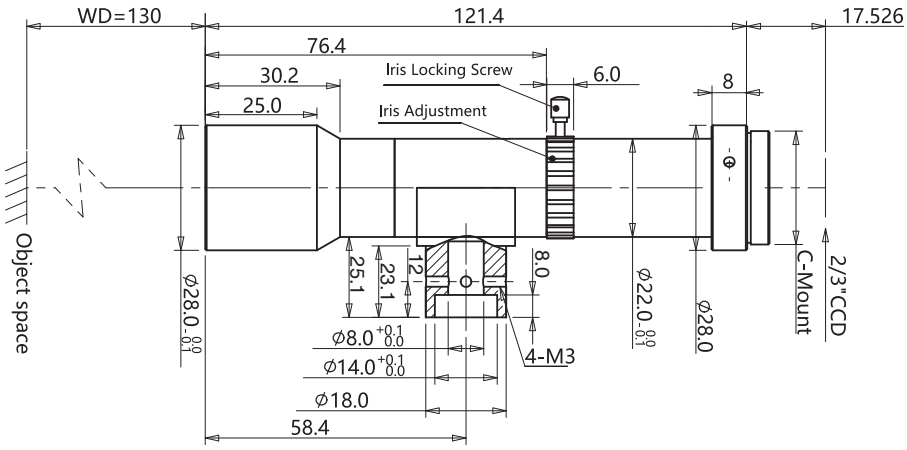
COOLENS®

WWH08-130CT-G

Megapixel Telecentric Lens

- Compact design with coaxial illumination options;
- Perfect image and supports all kinds of Mega camera;
- High contrast, low distortion, high resolution;
- Optional adjustable Iris for resolution and DOF control;
- Megapixel 'object side' telecentric lens with optional long working distance versions with over 500mm working distance.

Optical Specifications	
Magnification (x)	0.8
Working Distance (mm)	130±2
Max Sensor Size (Φmm)	11.0(2/3")
Aperture (F/#)	12.6
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	<0.1
MTF30(lp/mm)	65
NA	0.0316
Resolution (μm)	10.6
Depth of Field (mm)	1.6

Field of View (mm × mm)	
1/2" (6.4x4.8)	8.0x6.0
1/1.8" (7.13x5.37)	8.9x6.7
2/3"(8.8x6.6)	11.0x8.3
Mechanical Specifications	
Mount	C
Length (mm)	121.4
Coaxial Light	Yes
Iris	Yes

Notes:
1. Depth of Field is calculated value, this value could be used for imaging test, but to get sharp image in application, half of calculated value is suggested.