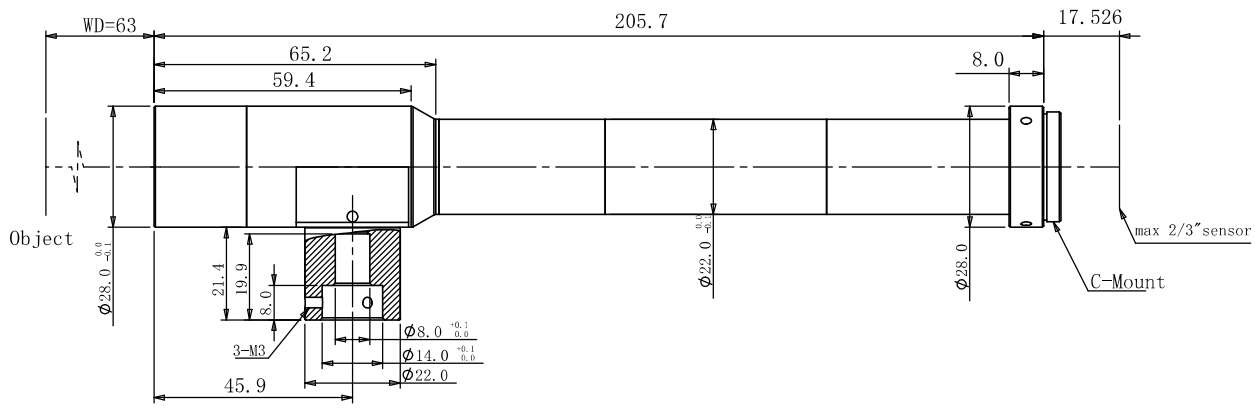
COOLENS®

WWH100-63CTV3

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)	10.0
Working Distance (mm)	63±1
Max Sensor Size (Φmm)	11.0(2/3")
Aperture (F/#)	39.4
Telecentricity typical (max) (deg)	0.02
Distortion typical (max) (%)	0.02
MTF30(lp/mm)	23
NA	0.125
Resolution (um)	2.7
Depth of Field (mm)	0.03

Field of View (mm × mm)	
1/2"(6.4x4.8)	0.64x0.48
1/1.8"(7.13x5.37)	0.71x0.54
2/3"(8.45x7.1)	0.85x0.71
Mechanical Specifications	
Mount	C
Length (mm)	205.7
Coaxial Light	Yes
Iris	No

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.