

# WWT118-09-81

## Standard Fixed Magnification Lens

- High Resolution,
- Any magnification between 0-1X can be quickly customized,
- Small size, suitable for narrow spaces.



Optical Specifications	
Magnification (x)	0.9
Working Distance (mm)	81
Max Sensor Size (Φmm)	9(1/1.8")
Aperture (F/#)	8
NA	0.05607
Resolution (um)	6.0
Depth of Field (mm)	0.8
Focal Length (mm)	45.63
MTF30 (lp/mm)	117
TV Distortion (%)	0.0271

Field of View (mm × mm)	
1/1.8"(7.13x5.37)	7.9x5.97
1/1.8"(7.43x4.9)	8.3x5.4

Mechanical Specifications	
Mount	C
Length(mm)	84.7

### 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.

