

WH045-48A-118

Megapixel high resolution lens

- Perfect image and supports all kinds of Mega camera;
- High contrast, low distortion, high resolution.



Optical Specifications	
Magnification (x)	0.45
Working Distance (mm)	48
Max Sensor Size (Φmm)	9(1/1.8")
Aperture (F/#)	11.7
Telecentricity typical (max) (deg)	-
Distortion typical (max) (%)	0.35
NA	0.01936
Resolution (um)	17.3
Depth of Field (mm)	4.6

Field of View (mm × mm)	
1/3"(4.8x3.6)	10.7x8.0
1/2"(6.4x4.8)	14.2x10.7
1/1.8"(7.13x5.37)	15.8x11.9
Mechanical Specifications	
Mount	C
Length (mm)	101.0
Coaxial Light	No
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.

