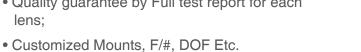


DTCM16K-150-AL

Linescan Bi Telecentric Lens

- Optimized for large field vision system with excellent imaging quality;
- · Optimized for high accuracy vision system with bitelecentric design;
- Optimized for 4K and 8K line scan cameras, support 16K line scan camera and upto 47M area cameras:
- Quality guarantee by Full test report for each lens:





Optical Specifications Magnification (x) 0.393 Object Field of View (0mm) 150 Working Distance (mm) 300±5 Max Sensor Size (Фmm) 59 Best Aperture (F/#) 19.8 <0.1 Telecentricity typical (max) (deg) Distortion typical (max) (%) <0.1 MTF30 (lp/mm) >45 Depth of Field (mm) ±5.1@F20

Field of View (mm × mm)		
48.7×29.0 with KAI-47051		123.9x73.8
57.4mm with 16K×3.5/3.53um		146.1mm
57.4mm with 8K×7um/7.04um		146.1mm
Mechanical Specifications		
Mount		M72
Length (mm)		482
Weight (kg)		7.1
Compatible Lighting		
Telecentric LED Lighting	DTCL-150-xW-y	
	Beam Diameter 150mm	

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.

794±5

2. Length of I/O = WD + Length + Back Focal Length.

Length of I/O (mm)

