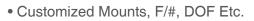


DTCM16K-136-AL

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)	0.434	
Object Field of View (Фmm)	136	
Working Distance (mm)	288±5	
Max Sensor Size (Фmm)	59	
Best Aperture (F/#)	10.7	
Telecentricity typical (max) (deg)	<0.1	
Distortion typical (max) (%)	<0.1	
MTF30 (lp/mm)	>80	
Depth of Field (mm)	±4.2@F20	
Length of I/O (mm)	813±5	



Field of View (mm × mm)		
48.7×29.0 with KAI-47051		112.2x66.8
57.4mm with 16K×3.5/3.53um		132.3mm
57.4mm with 8K×7um/7.04um		132.3mm
Mechanical Specifications		
Mount		M72
Length (mm)		512.6
Weight (kg)		5.7
Compatible Lighting		
Telecentric LED Lighting	DTCL-136-xW-y	
	Beam Diameter 136mm	

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

