

Thermal Imaging Microscope Lens Module(TICA-L640-20)

Application: Measurement of Thermal Distribution for Small Device

■ Optical

Classification	Value	Remarks
Focal Length	60.27 mm	Nominal value at 20°C
Focus Range	18 mm, fixed	Working Distance
F/#	1.2	
Average Transmission (7.5~13.0 μm)	85 %	including objective lens DLC coating
Field of View : Object Size	12.80 mm x 9.60 mm	640 x 480 pixels, 17 μm pitch
Spatial Resolution	~ 20 μm	640 x 480 pixels, 17 μm pitch
Back Focal Distance	23.4 mm	Including Window Thickness 1 mm

■ Mechanical(Microscope Lens Module)

Classification	Value	Remarks
Interface Control Drawing (ICD)	Drawing TICA-L640_F1_2	
Dimensions	50 x 50 x 100.0 mm	
Weight	0.54 kg	

■ Environmental (Optics)

Classification	Value	Remarks
Operating Temperature	-35°C to +55°C	
Storage Temperature	-40°C to +85°C	
External Coating	High durability	



Spatial Resolution: 20 μm

Pixel Number` : 640 x 480

