
vicotar[®] Telecentric Lens - T107/0.33

Short description:	Telecentric Lens, C-mount, Sensor max. 2/3", variable aperture, W/NIR
Order number:	2-05-290
EAN:	4251692620267
Actual Notice:	Termination to 31.12.2019.



Characteristics

- telecentric measurement objective with object-sided telecentric beam path
 - high-quality imaging
 - color-optimized and bright
 - adjustable aperture, arrestable
 - robust industrial design
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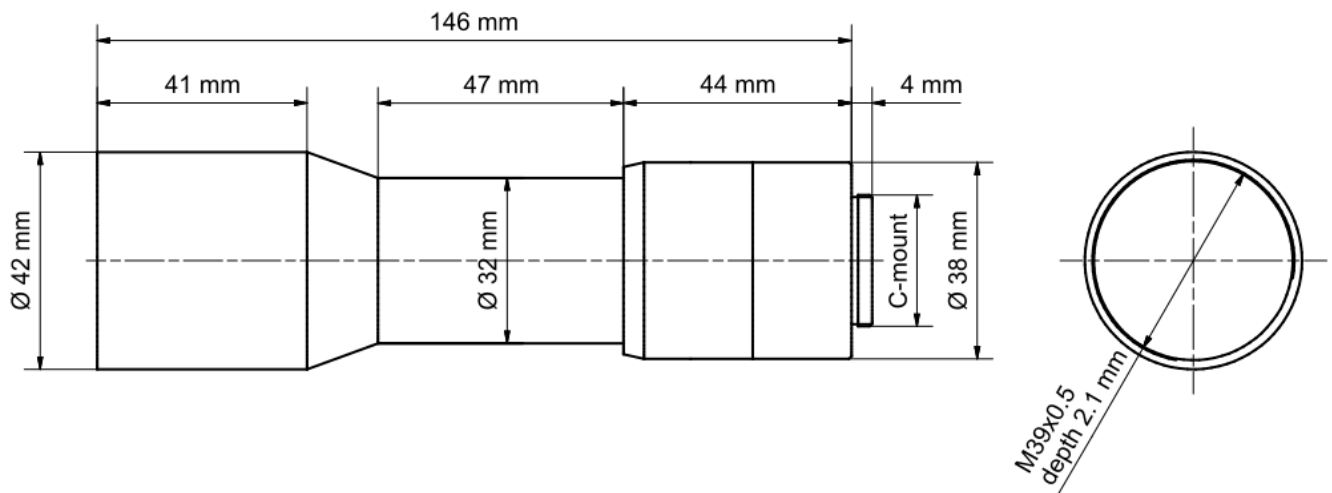
Technical data

Image scale	0.318
Spectral range	380 nm - 900 nm
Working distance	86.0 mm
Object field diagonal (max)	34.5 mm
Sensor format (max)	2/3"
Suitable for camera resolution	5 MPixel
Aperture	Variable aperture
Lens mount	C-Mount
Filter thread, object-side	M39 x 0.5 (depth 2.1 mm)
Weight	250 g
Usable object field with:	
• 2/3" sensor (8.8 x 6.6 mm ²)	27.6 mm x 20.7 mm
• 1/1.8" sensor (7.1 x 5.4 mm ²)	22.6 mm x 16.9 mm
• 1/2" sensor (6.4 x 4.8 mm ²)	20.1 mm x 15.0 mm
• 1/3" sensor (4.8 x 3.6 mm ²)	15.0 mm x 11.3 mm
• 1/4" sensor (3.4 x 2.2 mm ²)	10.6 mm x 6.9 mm

Can be combined with

Order number	Title	Description
<i>TZB51-UDC-a Serie</i>		
1-10-941	TZB51-B470/UDC/-a	telecentric light, blue, If diameter: 49 mm, flashable by flash controller
1-10-942	TZB51-W5K7/UDC/-a	telecentric light, white, If diameter: 49 mm, flashable by flash controller
1-10-943	TZB51-IR880/UDC/-a	telecentric light, IR850, If diameter: 49 mm, flashable by flash controller
1-10-940	TZB51-R625/UDC/-a	telecentric light, red, If diameter: 49 mm, flashable by flash controller
1-10-944	TZB51-G525/UDC/-a	telecentric light, green, If diameter: 49 mm, flashable by flash controller
<i>TZB51 series</i>		
1-10-201	TZB51-B470-24V	telecentric light, blue, If diameter: 49 mm, static, cable open-ended
1-10-198	TZB51-W5K7-24V	telecentric light, white, If diameter: 49 mm, static, cable open-ended
1-10-202	TZB51-IR880-24V	telecentric light, IR850, If diameter: 49 mm, static, cable open-ended
1-10-200	TZB51-R625-24V	telecentric light, red, If diameter: 49 mm, static, cable open-ended
1-10-215	TZB51-G525-24V	telecentric light, green, If diameter: 49 mm, static, cable open-ended
<i>Beam splitter STE30x30</i>		
1-18-050	STE30x30-VIS	Beam splitter unit for coaxial light system, optimized for 450-700 nm
1-18-025	Adapter STE30x30 - TZO42	Attachment of the STE30x30 to telecentric lenses and lightings with d = 42 mm

Drawings



Dimensional drawing in mm