
vicotar® Telecentric Lens - T360/0.07a

Short description:	Telecentric Lens, C-mount, Sensor max. 1/1.8", variable aperture, W/NIR
Order number:	2-05-244 This product is being replaced!
EAN:	4251692620090
Actual Notice:	Termination to 30.06.2023. Please check the use of: TO125/9.0-220-V-BW (2-05-851)



Characteristics

- telecentric measurement objective with object-sided telecentric beam path
 - low telecentric error
 - color-optimized and bright
 - adjustable aperture, arrestable
 - robust industrial design
-

Technical data

Image scale	0.073
Spectral range	380 nm - 900 nm
Working distance	193.6 mm
Camera distance (object-camera flange)	567.6 mm
Object field diagonal (max)	123.3 mm
Sensor format (max)	1/1.8"
Image field diagonal (max)	9 mm
Suitable for camera resolution	10.4 MPixel
Recommended pixel size	1.92 µm
Aperture	variable
Filter thread, camera-side	M20.5 x 0.5
Weight	4400 g
Usable object field with:	
• 1/1.8" sensor (7.1 x 5.4 mm ²)	97.3 mm x 74 mm
• 1/2" sensor (6.4 x 4.8 mm ²)	87.7 mm x 65.8 mm
• 1/3" sensor (4.8 x 3.6 mm ²)	65.8 mm x 49.3 mm

Can be combined with

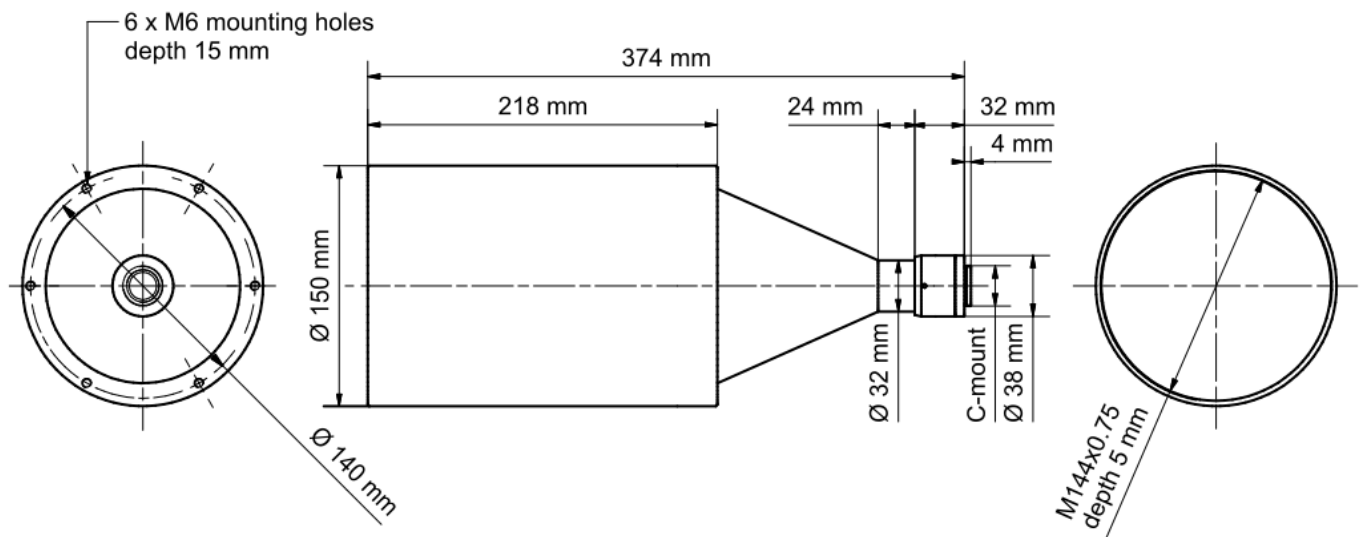
Order number	Title	Description
<i>TZB130 series</i>		
1-10-187	TZB130-B470-24V	telecentric light, blue, If diameter: 130 mm, static, cable open-ended
1-10-195	TZB130-W5K7-24V	telecentric light, white, If diameter: 130 mm, static, cable open-ended
1-10-189	TZB130-IR880-24V	telecentric light, IR850, If diameter: 130 mm, static, cable open-ended
1-10-185	TZB130-R625-24V	telecentric light, red, If diameter: 130 mm, static, cable open-ended
1-10-077	TZB130-G525-24V	telecentric light, green, If diameter: 130 mm, static, cable open-ended
<i>TZB130-UDC-a Serie</i>		
1-10-956	TZB130-B470/UDC/-a	telecentric light, blue, If diameter: 130 mm, flashable by flash controller
1-10-957	TZB130-W5K7/UDC/-a	telecentric light, white, If diameter: 130 mm, flashable by flash controller
1-10-958	TZB130-IR880/UDC/-a	telecentric light, IR850, If diameter: 130 mm, flashable by flash controller
1-10-955	TZB130-R625/UDC/-a	telecentric light, red, If diameter: 130 mm, flashable by flash controller
1-10-959	TZB130-G525/UDC/-a	telecentric light, green, If diameter: 130 mm, flashable by flash controller

Accessories for Telecentric Lenses - T360/0.07a

Order number	Title	Description
<i>Extension tubes</i>		
2-90-415	Extension ring 0.5 mm	26 x 31 x 0.5 reduces the minimum object distance (MOD)
2-90-416	Extension ring 1.0 mm	26 x 31 x 1.0 reduces the minimum object distance (MOD)
<i>Lens adapter c-mount</i>		

Order number	Title	Description
2-90-414	CS to C-mount adapter 5.0 mm	for connecting C-mount lenses with CS-mount cameras, length: 5 mm
<i>Daylight blocking filter</i>		
2-91-131	IR filter M20.5x0.5	long-pass filter from 830 nm, daylight absorbing filter, filter thread M20.5x0.5
<i>Colour filter red</i>		
2-91-259	Colour filter red M20.5x0.5	long-pass filter from 630 nm, red, filter thread M20.5x0.5
<i>Adapters for attaching lights to lenses</i>		
1-29-873	Adapter ring d104 - M144x0.75	for R-CLR-132x104 and RK5268, for attachment to lenses with filter thread M144x0.75

Drawings



Dimensional drawing in mm