

TECHSPEC® 25mm CA Series Fixed Focal Length Lens



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Stock #11-318 ☐ In Stock

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1

+

€910^{.00}

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€910,00

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Note: This item requires accessories for use | [Learn More](#)

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SPECIFICATIONS

General

Fixed Focal Length Lens		Type:
Physical & Mechanical Properties		
Variable	Iris Option:	
93.65	Length (mm):	
52	Maximum Diameter (mm):	
0	Maximum Rear Protrusion (mm):	
Optical Properties		
20.2°	Horizontal Field of View, 2/3" Sensor:	
29.2°	Horizontal Field of View, 1" Sensor:	
27.90	Maximum Image Circle (mm):	
0.019	Numerical Aperture NA, Object Side:	
38.0°	Horizontal Field of View, 4/3" Sensor:	
32.1°	Horizontal Field of View, 1.1" Sensor:	
10 (9)	Number of Elements (Groups):	
25.00	Focal Length FL (mm):	
0.112	Primary Magnification PMAG:	
200 - ∞	Working Distance (mm):	
f/2.8 - f/16	Aperture (f/#):	
λ/4 MgF ₂	Coating Specification:	
39.64	Entrance Pupil Position (mm):	
47.46	Object Space Principal Plane (mm):	
-8.15	Image Space Principal Plane (mm):	
Field of View at Max Sensor Format: Horizontal: 50.0° Vertical: 38.0° Diagonal: 61.5°		
5.80	Maximum Distortion (%):	
50.0°	Horizontal Field of View, APS-C Sensor:	
-56.88	Exit Pupil Position (mm):	
VIS	Lens Wavelength Range:	
Sensor		
APS-C	Maximum Sensor Format:	
Threading & Mounting		
M52 x 0.75 (Male)	Filter Thread:	
TFL-Mount	Mount:	
Regulatory Compliance		
Compliant	RoHS 2015:	
View	Certificate of Conformance:	
Compliant	Reach 235:	

PRODUCT DETAILS

- APS-C (27.9mm), TFL-Mount Lens or M40 Mount Lens
- Greater than 30 MegaPixels, 3.45µm Pixel Size Sensors
- High Resolution, Compact APS-C Lens (CA)
- 35mm to 100mm Focal Length

TECHSPEC® CA (Compact APS) Series Fixed Focal Length Lenses are designed for high resolution large format sensors. Covering the APS-C format sensors with a 28mm image circle, these lenses feature a [TFL Mount](#). TFL Mounts feature an M35 x 0.75 thread with a 17.5mm flange distance, and offers the same flange distance, robustness, and ease of use as a C-Mount. TECHSPEC® CA Series Fixed Focal Length Lenses offer a compact size while accommodating large format sensors, making them ideal for machine vision and [factory automation](#) applications.

These lenses won the [3rd place 2020 Inspect Award](#) and the [Silver-Level 2020 VSD Innovators Award](#).
