

TECHSPEC[®] Hypercentric Lens for 1/3" Sensors



Hypercentric Lenses



Stock **#86-584** 1 In Stock

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1

+

₹2,74,950

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General	
Hypercentric Series	Series:
33.00	Maximum Viewing Angle, MVA (°):
Circular Image on Max Sensor	Note:
Hypercentric Lens	Type:

Special Type of Lens:	
Hypercentric	
Physical & Mechanical Properties	
Iris Option:	
Variable	
Length (mm):	
167.00	
Maximum Diameter (mm):	
55.9	
Optical Properties	
Maximum Image Circle (mm):	
6.00	
Near Aperture, T (mm):	
37.2	
Working Distance (mm):	
21.1	
Aperture (f/#):	
Variable	
Convergence Point Distance, CPD (mm):	
28.2	
Depth of Field (mm):	
18.00	
Far Aperture, B (mm):	
9.4	
Magnification:	
Not Applicable	
Lens Wavelength Range:	
VIS	
Sensor	
Maximum Sensor Format:	
1/3"	
Pixel Size (µm):	
2.74	
Threading & Mounting	
Filter Thread:	
N/A	
Mount:	
C-Mount	
Regulatory Compliance	
Certificate of Conformance:	
View	
Country of Origin:	
United States	
Imported By:	
Edmund Optics India Private Limited	

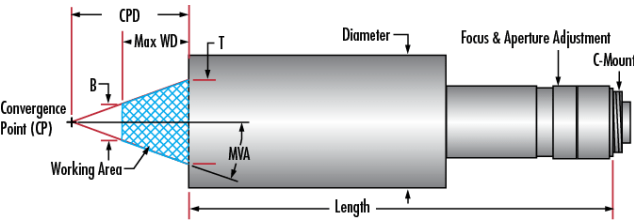
Product Details

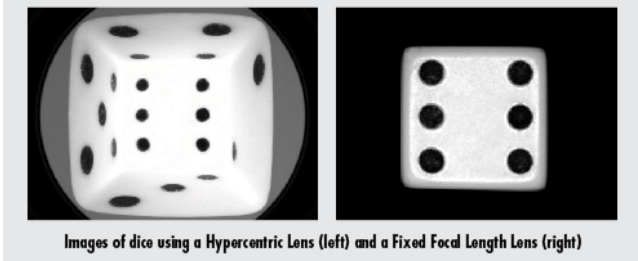
- Simultaneously Images the Sides and Top of an Object
- Up to 2/3" Hypercentric or Pericentric Lens
- C-Mount Lens
- Ideal for Component Inspection

TECHSPEC® Hypercentric Lenses provide a converging view of an object, focusing on the top and surrounding sides simultaneously, and are used to eliminate the need for multiple camera and imaging lens setups in machine vision inspection or identification applications. TECHSPEC® Hypercentric Lenses are ideal for inspecting parts such as pharmaceutical vials, batteries, or automotive parts. These imaging lenses provide a conical-shaped working area, and are optimized for use with monochromatic light. When 0.5 – 1.5mm spacers are positioned between the lens and camera, TECHSPEC® Hypercentric Lenses can also be used as long working distance borescopes, simultaneously focusing on the internal walls and bottom surface of an object. The borescope working distance is the area past the convergence point (CP) of the standard working area. The use of larger spacers increases the borescope focus distance.

Note: All specifications are defined at 660nm.

Technical Information





Hypercentric Lens in Borescope Mode

