

TECHSPEC® 150mm, f/8 Athermal Lens



Stock #16-854 [CONTACT US](#)

1 **MRP ₹1,72,347**

Price inclusive of all taxes

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Volume Pricing	
Qty 1+	₹1,72,347 each
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Product Downloads	
STEP:step	PDF Drawing:pdf
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eDrawing:eprt	
EO Spec Sheet	

General

Product Family:	Athermal Series	Type:	Fixed Focal Length Lens - Athermal
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Physical & Mechanical Properties

Iris Option:	Fixed	Length (mm):	143.30
Maximum Diameter (mm):	60.0	Outer Diameter (mm):	60

Optical Properties

Field of View at Max Sensor Format:	Horizontal: 5.36° Vertical: 4.03° Diagonal: 6.68°	Horizontal Field of View, 1.1" Sensor:	5.36°
Horizontal Field of View, 1" Sensor:	4.87°	Horizontal Field of View, 2/3" Sensor:	3.36°
Horizontal Field of View, 1/1.8" Sensor:	2.75°	Horizontal Field of View, 1/2" Sensor:	2.44°
Maximum Image Circle (mm):	19.30	Numerical Aperture NA, Object Side:	0.002
Number of Elements (Groups):	7 (3)	Focal Length FL (mm):	150.00
Primary Magnification PMAG:	0.000X - 0.040X	Working Distance (mm):	4000 - ∞
Aperture (f/#):	f/8	Entrance Pupil Position (mm):	15.323
Object Space Principal Plane (mm):	-93.76	Image Space Principal Plane (mm):	-42.27
Maximum Distortion	0.66	Exit Pupil Position	-37.311

(%)		(mm)	
Lens Wavelength Range:	VIS		
Sensor			
Maximum Sensor Format:	1.2"	Pixel Size (µm):	2.74
Threading & Mounting			
Filter Thread:	M55 x 0.75 (Female)	Mount:	C-Mount
Environmental & Durability Factors			
Operating Temperature (°C):	-10 to +50	Type of Ruggedization:	Athermal
Regulatory Compliance			
Certificate of Conformance:	View		
Country of Origin:	United States	Imported By:	Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91-80-6845 0000

Product Details

- Designed to Maintain High Resolution Over a Wide Temperature Range
- Ruggedized for Shock and Vibration Environments
- Large Sensor Coverage up to 1.1"
- Optothermal Stability from [Passive Athermalization](#)
- [2022 Silver VSD Innovators Award Winner](#) and 2022 Inspect Award Winner

TECHSPEC® Athermal Imaging Lenses provide optothermal stability in a ruggedized lens housing, making them ideal for harsh environments. These lenses utilize [passive athermalization](#) to mitigate the effects of thermal defocus in applications that are prone to temperature fluctuations. Additionally, these lenses are ruggedized to protect against lens damage and minimize pixel shift after shock and vibration. Along with being ruggedized to protect against lens damage and minimize pixel shift after shock and vibration, these lenses are thermally compensated and best used with camera mounts made from aluminum. TECHSPEC® Athermal Imaging Lenses feature C-Mount threading and full coverage of sensors up to 1.1".

These lenses won the [2022 Silver VSD Innovators Award](#) and the 2022 Inspect Award.

Note: Passive Athermalization is introduced in the application note [here](#).

Technical Information

#16-854, 150mm, f/8 Athermal Lens, Distortion Plot

#16-854, 150mm, f/8 Athermal Lens, Relative Illumination Plot

#16-854, 150mm, f/8 Athermal Lens, Working Distance versus Field of View Plot

#16-854, 150mm, f/8 Athermal Lens, Modulated Transfer Function (MTF) Plot, 4000mm Working Distance, f8

#16-854, 150mm, f/8 Athermal Lens, Depth of Field Plot, 100000mm Working Distance, f8

#16-854, 150mm, f/8 Athermal Lens, Modulated Transfer Function (MTF) Plot, Working Distance: Infinity, f8

Related Products



Ruggedized Lenses for Harsh Environments



Fixed Focal Length Lenses



M12 Lenses (S-Mount Lenses)



Cameras

Frequently Purchased Together
















































#54-356 - 2X C-Mount Fixed Focal Length Lens Extenders
₹13,578

















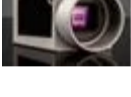





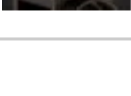































































#16-852 - 150mm, f/4 Athermal Lens
₹1,72,347































Compatible Cameras














































	Title	Type	Compare	Stock Number	Price	Buy
	LUCID Vision Labs Phoenix™ PHX089S-CC, Sony IMX267, 8.9 MP, Color Camera	Color Camera		#11-469	₹97,173 Request Quote	CONTACT US <input type="text" value="1"/>
	LUCID Vision Labs Phoenix™ PHX089S-MC, Sony IMX267, 8.9 MP, Monochrome Camera	Monochrome Camera		#11-468	₹97,173 Request Quote	1 In Stock <input type="text" value="1"/>
	LUCID Vision Labs Triton™ TRI089S-CC, Sony IMX267, 8.9MP, Color Camera	Color Camera		#13-726	₹99,297 Request Quote	4 In Stock <input type="text" value="1"/>
	LUCID Vision Labs Triton™ TRI089S-MC, Sony IMX267, 8.9MP, Monochrome Camera	Monochrome Camera		#13-725	₹99,297 Request Quote	1 In Stock <input type="text" value="1"/>
	Basler ace acA2500-20gm Monochrome GigE Camera	Monochrome Camera		#35-919	₹1,11,510 Request Quote	CONTACT US <input type="text" value="1"/>
	Basler ace acA2500-60um Monochrome USB 3.0 Camera	Monochrome Camera		#35-929	₹1,11,510 Request Quote	CONTACT US <input type="text" value="1"/>































	Title	Type	Compare	Stock Number	Price	Buy
 	M2590, 1" Monochrome, DALSA Genie Nano GigE PoE Camera	Monochrome Camera		#34-964	₹1,12,572 Request Quote	1 In Stock <input type="text" value="1"/> 
 	LUCID Vision Labs Phoenix™ PHX120S-CC, Sony IMX304, 12.3 MP, Color Camera	Color Camera		#11-473	₹1,13,634 Request Quote	CONTACT US <input type="text" value="1"/> 
 	LUCID Vision Labs Phoenix™ PHX120S-MC, Sony IMX304, 12.3 MP, Monochrome Camera	Monochrome Camera		#11-472	₹1,13,634 Request Quote	2 In Stock <input type="text" value="1"/> 
 	Basler ace acA2500-20gc Color GigE Camera	Color Camera		#35-920	₹1,14,696 Request Quote	1 In Stock <input type="text" value="1"/> 
 	Basler ace acA2500-60uc Color USB 3.0 Camera	Color Camera		#35-930	₹1,14,696 Request Quote	CONTACT US <input type="text" value="1"/> 
 	LUCID Vision Labs Triton™ TRI120S-CC, Sony IMX304, 12.3MP, Color Camera	Color Camera		#12-760	₹1,15,227 Request Quote	CONTACT US <input type="text" value="1"/> 
 	LUCID Vision Labs Triton™ TRI120S-MC, Sony IMX304, 12.3MP, Monochrome Camera	Monochrome Camera		#12-759	₹1,15,227 Request Quote	1 In Stock <input type="text" value="1"/> 
 	C2590-IR, 1" Color, DALSA Genie Nano GigE PoE Camera	Color Camera		#34-965	₹1,16,820 Request Quote	1 In Stock <input type="text" value="1"/> 
 	IDS U3-3180CP-C-HQ, USB 3.0, 1" Color Camera	Color Camera		#24-083	₹1,21,068 Request Quote	1 In Stock <input type="text" value="1"/> 
 	IDS U3-3180CP-M-GL, USB 3.0, 1" Monochrome Camera	Monochrome Camera		#24-084	₹1,21,068 Request Quote	2 In Stock <input type="text" value="1"/> 
 	M2590, 1" NIR, Teledyne DALSA Genie Nano GigE PoE Camera	NIR Camera		#14-677	₹1,21,068 Request Quote	CONTACT US <input type="text" value="1"/> 
 	LUCID Vision Labs Triton™ TRI071S-CC, Sony IMX428, 7.1MP, Color Camera	Color Camera		#17-100	₹1,34,343 Request Quote	1 In Stock <input type="text" value="1"/> 
 	LUCID Vision Labs Triton™ TRI071S-MC, Sony IMX428, 7.1MP, Monochrome Camera	Monochrome Camera		#17-099	₹1,34,343 Request Quote	1 In Stock <input type="text" value="1"/> 
 	Allied Vision Alvium G1-1236m, 1.1" 12.4MP C-Mount, GigE PoE Monochrome Camera	Monochrome Camera		#23-563	₹1,69,920 Request Quote	1 In Stock <input type="text" value="1"/> 
 	Allied Vision Alvium G1-1236c, 1.1" 12.4MP C-Mount, GigE PoE Color Camera	Color Camera		#23-564	₹1,70,982 Request Quote	1 In Stock <input type="text" value="1"/> 











































	Title	Type	Compare	Stock Number	Price	Buy
 	BFS-U3-88S6C-C USB 3.1 Blackfly® S, Color Camera	Color Camera		#11-512	₹1,73,637 Request Quote	1 In Stock <input type="text" value="1"/> 
 	BFS-PGE-88S6C-C PoE GigE Blackfly® S, Color Camera	Color Camera		#11-530	₹1,73,637 Request Quote	2 In Stock <input type="text" value="1"/> 
 	BFS-U3-88S6M-C USB 3.1 Blackfly® S, Monochrome Camera	Monochrome Camera		#11-511	₹1,73,637 Request Quote	1 In Stock <input type="text" value="1"/> 
 	BFS-PGE-88S6M-C PoE GigE Blackfly® S, Monochrome Camera	Monochrome Camera		#11-529	₹1,73,637 Request Quote	1 In Stock <input type="text" value="1"/> 
 	Basler AceacA4096- 30um USB 3.0 Monochrome Camera	Monochrome Camera		#37-217	₹1,78,416 Request Quote	2 In Stock <input type="text" value="1"/> 
 	Basler ace acA4096-11gm Monochrome GigE Camera	Monochrome Camera		#37-209	₹1,78,416 Request Quote	CONTACT US <input type="text" value="1"/> 
 	Basler Ace acA4096-30uc USB 3.0 Color Camera	Color Camera		#37-218	₹1,80,540 Request Quote	CONTACT US <input type="text" value="1"/> 
 	Basler ace acA4096-11gc Color GigE Camera	Color Camera		#37-210	₹1,80,540 Request Quote	CONTACT US <input type="text" value="1"/> 
 	Pixelink PL- D726MU-BL, 1" 6.6MP, Board Level USB 3.0 Monochrome Camera	Monochrome Camera		#89-402 CLEARANCE	₹1,83,195 Request Quote	3 In Stock <input type="text" value="1"/> 
 	Allied Vision Alvium 1800 U-1236m, 1.1" 12.4MP C- Mount, Right Angle USB 3.1 Monochrome Camera	Monochrome Camera		#14-891	₹1,85,728 Request Quote	CONTACT US <input type="text" value="1"/> 
 	Allied Vision Alvium 1800 U-1236m, 1.1" 12.4MP C- Mount, USB 3.0 Monochrome Camera	Monochrome Camera		#14-889	₹1,99,656 Request Quote	1 In Stock <input type="text" value="1"/> 
 	Allied Vision Alvium 1800 U-1236c, 1.1" 12.4MP C-Mount, USB 3.0 Color Camera	Color Camera		#14-890	₹2,00,718 Request Quote	CONTACT US <input type="text" value="1"/> 
 	Allied Vision Alvium 1800 U-1236c, 1.1" 12.4MP C-Mount, Right Angle USB 3.1 Color Camera	Color Camera		#14-892	₹2,00,718 Request Quote	CONTACT US <input type="text" value="1"/> 
 	IDS U3-3290SE-C- HQ, USB 3.0, 1" Color Camera	Color Camera		#24-134	₹2,06,559 Request Quote	CONTACT US <input type="text" value="1"/> 
 	IDS U3-3290SE-M- GL, USB 3.0, 1" Monochrome Camera	Monochrome Camera		#24-135	₹2,06,559 Request Quote	1 In Stock <input type="text" value="1"/> 
 	Allied Vision Manta G-1236C Color CMOS PoE Camera	Color Camera		#37-515 CLEARANCE	₹2,07,510 Request Quote	2 In Stock <input type="text" value="1"/> 










	Title	Type	Compare	Stock Number	Price	Buy
MORE+ 	Allied Vision Manta G-895 1" Color CMOS Camera	Color Camera		#36-179	₹2,08,152 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	Allied Vision Manta G-895 1" Monochrome CMOS Camera	Monochrome Camera		#36-178	₹2,08,152 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	BFS-U3-122S6C-C USB 3.1 Blackfly® S, Color Camera	Color Camera		#11-518	₹2,14,524 Request Quote	2 In Stock <input type="text" value="1"/> 
MORE+ 	Allied Vision Manta G-895C Color CMOS PoE Camera	Color Camera		#35-899	₹2,14,524 Request Quote	1 In Stock <input type="text" value="1"/> 
MORE+ 	BFS-PGE-122S6C-C PoE GigE Blackfly® S, Color Camera	Color Camera		#11-532	₹2,14,524 Request Quote	1 In Stock <input type="text" value="1"/> 
MORE+ 	BFS-U3-122S6M-C USB 3.1 Blackfly® S, Monochrome Camera	Monochrome Camera		#11-517	₹2,14,524 Request Quote	1 In Stock <input type="text" value="1"/> 
MORE+ 	Allied Vision Manta G-895B Monochrome CMOS PoE Camera	Monochrome Camera		#35-898	₹2,14,524 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	BFS-PGE-122S6M-C PoE GigE Blackfly® S, Monochrome Camera	Monochrome Camera		#11-531	₹2,14,524 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	Basler Ace acA4112-20um USB 3.0 Monochrome Camera	Monochrome Camera		#37-221	₹2,18,772 Request Quote	1 In Stock <input type="text" value="1"/> 
MORE+ 	Basler ace acA4112-8gm Monochrome GigE Camera	Monochrome Camera		#37-211	₹2,18,772 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	Basler Ace acA4112-20uc USB 3.0 Color Camera	Color Camera		#37-222	₹2,20,896 Request Quote	1 In Stock <input type="text" value="1"/> 
MORE+ 	Basler ace acA4112-8gc Color GigE Camera	Color Camera		#37-212	₹2,20,896 Request Quote	1 In Stock <input type="text" value="1"/> 
MORE+ 	BFS-U3-70S7C-C USB 3.1 Blackfly® S, Color Camera	Color Camera		#13-927	₹2,28,330 Request Quote	2 In Stock <input type="text" value="1"/> 
MORE+ 	BFS-PGE-70S7C-C PoE GigE Blackfly® S, Color Camera	Color Camera		#13-923	₹2,28,330 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	BFS-U3-70S7M-C USB 3.1 Blackfly® S, Monochrome Camera	Monochrome Camera		#13-926	₹2,28,330 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	BFS-PGE-70S7M-C PoE GigE Blackfly® S, Monochrome Camera	Monochrome Camera		#13-922	₹2,28,330 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	Pixelink PL-D797CU-BL, 1.1" 7.1MP, Board Level USB 3.0 Color Camera	Color Camera		#14-170	₹2,29,392 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	Pixelink PL-D797MU-BL, 1.1" 7.1MP, Board Level USB 3.0	Monochrome Camera		#14-169	₹2,29,392 Request Quote	CONTACT US <input type="text" value="1"/> 

	Title	Type	Compare	Stock Number	Price	Buy
	Monochrome Camera					
MORE+ 	Pixelink PL-D797CU-T, 1.1" 7.1MP, C-Mount USB 3.0 Color Camera	Color Camera		#14-168	₹2,40,543 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	LUCID Vision Labs Atlas™ ATL071S-CC, Sony IMX420, 7.1MP, Color Camera	Color Camera		#17-111	₹2,40,543 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	Pixelink PL-D797MU-T, 1.1" 7.1MP, C-Mount USB 3.0 Monochrome Camera	Monochrome Camera		#14-167	₹2,40,543 Request Quote	1 In Stock <input type="text" value="1"/> 
MORE+ 	LUCID Vision Labs Atlas™ ATL071S-MC, Sony IMX420, 7.1MP, Monochrome Camera	Monochrome Camera		#17-110	₹2,40,543 Request Quote	1 In Stock <input type="text" value="1"/> 
MORE+ 	IDS U3-3200SE-C-HQ, USB 3.0, 1.1" Color Camera	Color Camera		#24-132	₹2,56,473 Request Quote	1 In Stock <input type="text" value="1"/> 
MORE+ 	IDS U3-3200SE-M-GL, USB 3.0, 1.1" Monochrome Camera	Monochrome Camera		#24-133	₹2,56,473 Request Quote	1 In Stock <input type="text" value="1"/> 
MORE+ 	M4020, 1.1" Monochrome, DALSA Genie Nano GigE PoE Camera	Monochrome Camera		#35-911	₹2,58,597 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	C4020-IR, 1.1" Color, DALSA Genie Nano GigE PoE Camera	Color Camera		#35-912	₹2,60,721 Request Quote	3 In Stock <input type="text" value="1"/> 
MORE+ 	Pixelink PL-D799CU-T, 1" 9.0MP, C-Mount USB 3.0 Color Camera	Color Camera		#38-008	₹2,63,376 Request Quote	1 In Stock <input type="text" value="1"/> 
MORE+ 	Pixelink PL-D799MU-T, 1" 9.0MP, C-Mount USB 3.0 Monochrome Camera	Monochrome Camera		#38-007	₹2,63,376 Request Quote	1 In Stock <input type="text" value="1"/> 
MORE+ 	Allied Vision Manta G-1236 1.1" Color CMOS Camera	Color Camera		#36-181	₹2,65,500 Request Quote	1 In Stock <input type="text" value="1"/> 
MORE+ 	Allied Vision Manta G-1236 1.1" Monochrome CMOS Camera	Monochrome Camera		#36-180	₹2,65,500 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	Allied Vision Manta G-1236B Monochrome CMOS PoE Camera	Monochrome Camera		#37-514	₹2,71,872 Request Quote	1 In Stock <input type="text" value="1"/> 
MORE+ 	LUCID Vision Labs Atlas™ ATL089S-CC, Sony IMX255, 8.9MP, Color Camera	Color Camera		#13-736	₹2,72,934 Request Quote	CONTACT US <input type="text" value="1"/> 
MORE+ 	LUCID Vision Labs Atlas™ ATL089S-MC, Sony IMX255, 8.9MP, Monochrome Camera	Monochrome Camera		#13-735	₹2,72,934 Request Quote	CONTACT US <input type="text" value="1"/> 

	Title	Type	Compare	Stock Number	Price	Buy
	 Pixelink PL-D757CU-BL, 1.1" 7.1MP, Board Level USB 3.0 Color Camera	Color Camera		#14-166	₹2,86,740 Request Quote	CONTACT US <input type="text" value="1"/> 
	 Pixelink PL-D757MU-BL, 1.1" 7.1MP, Board Level USB 3.0 Monochrome Camera	Monochrome Camera		#14-165	₹2,86,740 Request Quote	CONTACT US <input type="text" value="1"/> 
	 Pixelink M-Series M9C-CYL Microscopy Color Camera	Color Microscopy Camera		#17-825	₹2,87,271 Request Quote	CONTACT US <input type="text" value="1"/> 
	 Pixelink M-Series M9M-CYL Microscopy Monochrome Camera	Monochrome Microscopy Camera		#17-826	₹2,87,271 Request Quote	CONTACT US <input type="text" value="1"/> 
	 Pixelink PL-D757CU-T, 1.1" 7.1MP, C-Mount USB 3.0 Color Camera	Color Camera		#14-164	₹2,98,422 Request Quote	CONTACT US <input type="text" value="1"/> 
	 Pixelink PL-D757MU-T, 1.1" 7.1MP, C-Mount USB 3.0 Monochrome Camera	Monochrome Camera		#14-163	₹2,98,422 Request Quote	CONTACT US <input type="text" value="1"/> 
	 LUCID Vision Labs Atlas™ ATL120S-CC, Sony IMX253, 12.3MP, Color Camera	Color Camera		#13-734	₹3,05,856 Request Quote	1 In Stock <input type="text" value="1"/> 
	 LUCID Vision Labs Atlas™ ATL120S-MC, Sony IMX253, 12.3MP, Monochrome Camera	Monochrome Camera		#13-733	₹3,05,856 Request Quote	CONTACT US <input type="text" value="1"/> 
	 Pixelink PL-D7912CU-T, 1.1" 12MP, C-Mount USB 3.0 Color Camera	Color Camera		#38-010	₹3,09,573 Request Quote	CONTACT US <input type="text" value="1"/> 
	 Pixelink PL-D7912MU-T, 1.1" 12MP, C-Mount USB 3.0 Monochrome Camera	Monochrome Camera		#38-009	₹3,09,573 Request Quote	1 In Stock <input type="text" value="1"/> 
	 BFS-U3-89S6C-C USB 3.1 Blackfly® S, Color Camera	Color Camera		#11-514	₹3,11,166 Request Quote	CONTACT US <input type="text" value="1"/> 
	 BFS-U3-89S6M-C USB 3.1 Blackfly® S, Monochrome Camera	Monochrome Camera		#11-513	₹3,11,166 Request Quote	1 In Stock <input type="text" value="1"/> 
	 M4060, 1" Monochrome, Teledyne DALSA Genie Nano 5GigE PoE Camera	Monochrome Camera		#16-030	₹3,15,945 Request Quote	1 In Stock <input type="text" value="1"/> 
	 C4060-IR, 1" Color, Teledyne DALSA Genie Nano 5GigE PoE Camera	Color Camera		#16-031	₹3,17,538 Request Quote	13 In Stock <input type="text" value="1"/> 
	 Basler Ace acA4096-40uc USB 3.0 Color Camera	Color Camera		#37-220	₹3,32,406 Request Quote	1 In Stock <input type="text" value="1"/> 

	Title	Type	Compare	Stock Number	Price	Buy
MORE+ 	Pixelink PL-D759CU-BL, 1" 8.9MP, Board Level USB 3.0 Color Camera	Color Camera		#11-443	₹3,32,406 Request Quote	CONTACT US 1 
MORE+ 	Pixelink M-Series M12BC-CYL Microscopy Color Camera	Color Microscopy Camera		#17-809	₹3,32,406 Request Quote	1 In Stock 1 
MORE+ 	Pixelink PL-D759MU-BL, 1" 8.9MP, Board Level USB 3.0 Monochrome Camera	Monochrome Camera		#11-442	₹3,32,406 Request Quote	CONTACT US 1 
MORE+ 	Pixelink M-Series M12BM-CYL Microscopy Monochrome Camera	Monochrome Microscopy Camera		#17-810	₹3,32,406 Request Quote	1 In Stock 1 
MORE+ 	Oryx® ORX-10G-71S7C-C Color 10GigE	Color Camera		#20-251	₹3,33,468 Request Quote	CONTACT US 1 
MORE+ 	Oryx® ORX-10G-71S7M-C Mono 10GigE	Monochrome Camera		#20-250	₹3,33,468 Request Quote	CONTACT US 1 
MORE+ 	Pixelink PL-D759CU-T, 1" 8.9MP, C-Mount USB 3.0 Color Camera	Color Camera		#11-441	₹3,44,088 Request Quote	1 In Stock 1 
MORE+ 	Pixelink PL-D759MU-T, 1" 8.9MP, C-Mount USB 3.0 Monochrome Camera	Monochrome Camera		#11-440	₹3,44,088 Request Quote	1 In Stock 1 
MORE+ 	BFS-U3-123S6C-C USB 3.1 Blackfly® S, Color Camera	Color Camera		#11-520	₹3,47,274 Request Quote	1 In Stock 1 
MORE+ 	BFS-U3-123S6M-C USB 3.1 Blackfly® S, Monochrome Camera	Monochrome Camera		#11-519	₹3,47,274 Request Quote	1 In Stock 1 
MORE+ 	M4040, 1.1" Monochrome, Teledyne DALSA Genie Nano GigE PoE Camera	Monochrome Camera		#14-697	₹3,52,053 Request Quote	CONTACT US 1 
MORE+ 	C4040-IR, 1.1" Color, Teledyne DALSA Genie Nano GigE PoE Camera	Color Camera		#14-698	₹3,54,177 Request Quote	CONTACT US 1 
MORE+ 	GS3-U3-89S6C-C 1" FLIR Grasshopper®3 High Performance USB 3.0 Color Camera	Color Camera		#36-338	₹3,60,549 Request Quote	1 In Stock 1 
MORE+ 	GS3-U3-89S6M-C 1" FLIR Grasshopper®3 High Performance USB 3.0 Monochrome Camera	Monochrome Camera		#36-337	₹3,60,549 Request Quote	4 In Stock 1 
MORE+ 	M4040, 1.1" Monochrome, Teledyne DALSA Genie Nano 5GigE PoE Camera	Monochrome Camera		#16-028	₹3,64,266 Request Quote	CONTACT US 1 


	Title	Type	Compare	Stock Number	Price	Buy
	 C4040-IR, 1.1" Color, Teledyne DALSA Genie Nano 5GigE PoE Camera	Color Camera		#16-029	₹3,66,390 Request Quote	CONTACT US <input type="text" value="1"/> 
	 Basler Ace acA4112-30um USB 3.0 Monochrome Camera	Monochrome Camera		#37-223	₹3,72,762 Request Quote	1 In Stock <input type="text" value="1"/> 
	 Basler Ace acA4112-30uc USB 3.0 Color Camera	Color Camera		#37-224	₹3,77,010 Request Quote	2 In Stock <input type="text" value="1"/> 
	 Pixelink PL- D7512CU-BL, 1.1" 12.3MP, Board Level USB 3.0 Color Camera	Color Camera		#11-447	₹3,78,072 Request Quote	CONTACT US <input type="text" value="1"/> 
	 Pixelink PL- D7512MU-BL, 1.1" 12.3MP, Board Level USB 3.0 Monochrome Camera	Monochrome Camera		#11-446	₹3,78,072 Request Quote	CONTACT US <input type="text" value="1"/> 
	 GS3-U3-123S6C-C 1.1" FLIR Grasshopper®3 High Performance USB 3.0 Color Camera	Color Camera		#36-340	₹3,86,037 Request Quote	1 In Stock <input type="text" value="1"/> 
	 GS3-U3-123S6M-C 1.1" FLIR Grasshopper®3 High Performance USB 3.0 Monochrome Camera	Monochrome Camera		#36-339	₹3,86,037 Request Quote	2 In Stock <input type="text" value="1"/> 
	 Pixelink PL- D7512CU-T, 1.1" 12.3MP, C-Mount USB 3.0 Color Camera	Color Camera		#11-445	₹3,89,754 Request Quote	1 In Stock <input type="text" value="1"/> 
	 Pixelink PL- D7512MU-T, 1.1" 12.3MP, C-Mount USB 3.0 Monochrome Camera	Monochrome Camera		#11-444	₹3,89,754 Request Quote	1 In Stock <input type="text" value="1"/> 
	 Pixelink M-Series M12C-CYL Microscopy Color Camera	Color Microscopy Camera		#17-811	₹4,01,436 Request Quote	1 In Stock <input type="text" value="1"/> 
	 Pixelink M-Series M12M-CYL Microscopy Monochrome Camera	Monochrome Microscopy Camera		#17-812	₹4,01,436 Request Quote	1 In Stock <input type="text" value="1"/> 
	 Oryx® ORX-10GS- 89S6C-C Color 10GigE	Color Camera		#19-793	₹4,57,722 Request Quote	1 In Stock <input type="text" value="1"/> 
	 Oryx® ORX-10GS- 89S6M-C Mono 10GigE	Monochrome Camera		#19-792	₹4,57,722 Request Quote	CONTACT US <input type="text" value="1"/> 
	 Oryx® ORX-10GS- 89S6M-C Mono 10GigE (Recertified 05-P)	Monochrome Camera		#19-792-RCD-05P RECERTIFIED	₹4,77,369 Request Quote	1 In Stock <input type="text" value="1"/> 

	Title	Type	Compare	Stock Number	Price	Buy
 	BFS-PGE-123S6P-C, Pol. PoE GigE Blackfly® S, Monochrome Camera	Polarized Monochrome Camera		#22-082	₹4,92,768 Request Quote	3 In Stock <input type="text" value="1"/> 
 	Oryx® ORX-10GS- 123S6C-C Color 10GigE	Color Camera		#19-799	₹4,95,423 Request Quote	1 In Stock <input type="text" value="1"/> 
 	Oryx® ORX-10GS- 123S6M-C Mono 10GigE	Monochrome Camera		#19-798	₹4,95,423 Request Quote	1 In Stock <input type="text" value="1"/> 


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(AR) Coatings**

 APPLICATION NOTE


**An
Introduction to
Optical
Coatings**

 VIDEO


**Wavelength
and f#**

 APPLICATION NOTE

**Understanding
Focal Length
and Field
of View**

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