

Lumenera INFINITY5 5-3 Microscopy Color Camera

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MRP ₹4,39,550

Price inclusive of all taxes

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Color	Spectrum:
General	
Color Microscopy Camera	Type:
INFINITY5-3C	Model Number:
	Manufacturer:

Teledyne Lumenera	
INFINITY	Camera Series:
Physical & Mechanical Properties	
Dimensions (mm):	
97.8 x 69.8 x 50.8 (excludes lens mount)	
Weight (g):	
330	
Housing:	
Full	
Sensor	
Image Buffer:	
Not Specified	
Sensor Format:	
1/1.8"	
Resolution (Megapixels):	
3.00	
Frame Rate (fps):	
120.00	
Pixels (H x V):	
2,064 x 1,544	
Pixel Size, H x V (µm):	
3.45 x 3.45	
Sensing Area, H x V (mm):	
7.12 x 5.33	
Imaging Sensor:	
Sony IMX252	
Type of Sensor:	
Progressive Scan CMOS	
Shutter Type:	
Global	
Pixel Depth:	
8/12 bit	
Exposure Time:	
161µs - 500ms (video)	
Dynamic Range (dB):	
73	
Read Noise (e ⁻):	
2.35	
Electrical	
Power Consumption (W):	
4	
Hardware & Interface Connectivity	
Interface:	
USB 3.1 Gen 1 (HDMI)	
Power Supply:	
Power over USB	
GPIOs:	
Not Specified	
Synchronization:	
Hardware Trigger (GPIO)	
Interface Port Orientation:	
Side Panel	
GPIO Connector Type:	
8-pin Hirose (MRX)	
Threading & Mounting	
Mount:	
C-Mount	
Mounting Threads:	
2 x 1/4-20 (Integrated into Housing)	
Environmental & Durability Factors	
Operating Temperature (°C):	
0 to +50	
Storage Temperature (°C):	
-30 to +70	
Regulatory Compliance	
Certificate of Conformance:	
View	

