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IDS U3-3044LE-M-GL-VU, USB 3.0, 1/2.9" Monochrome Camera

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IDS Imaging uEye LE/XLE Camera (C/CS - Mount, Full Housing, Front View)



Stock **#78-145** [CONTACT US](#)

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+

 ₹38,500

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Monochrome		Spectrum:
General		
Monochrome Camera		Type:
U3-3044LE-M-GL-VU		Model Number:
		Manufacturer:

IDS Imaging Development Systems	
uEye+ LE	Camera Series:
Physical & Mechanical Properties	
Dimensions (mm): 36 x 36 x 26 (excludes connectors and lens mount)	
Weight (g): 20	
Housing: Board Level	
Sensor	
Image Buffer: Not Specified	
Sensor Format: 1/2.9"	
Resolution (Megapixels): 1.50	
Frame Rate (fps): 230.00	
Pixels (H x V): 1,448 x 1,086	
Pixel Size, H x V (µm): 3.45 x 3.45	
Sensing Area, H x V (mm): 4.995 x 3.746	
Imaging Sensor: Sony IMX273	
Type of Sensor: Progressive Scan CMOS	
Shutter Type: Global	
Pixel Depth: 12 bit	
Exposure Time: 0.04ms - 2000ms	
Dynamic Range (dB): 70.00	
Machine Vision Standard: USB3 Vision	
Electrical	
Power Consumption (W): 1 - 2	
Hardware & Interface Connectivity	
Interface: USB 3.0	
Connector: USB Type-C	
Power Supply: Power over USB	
GPIO Connector Type: 10-pin Wuerth connector (WR-WTB 1.00 mm)	
Threading & Mounting	
Mount: C/CS-Mount	
Environmental & Durability Factors	
Operating Temperature (°C): 0 to +55	
Storage Temperature (°C): -20 to +80	
Regulatory Compliance	
Certificate of Conformance: View	
Country of Origin: Germany	
Imported By: Edmund Optics India Private Limited	

Product Details

- Up to 8.0MP Resolution with Framrates up to 230fps
- Board Level Options with C/CS-Mount or S-Mount Available
- GenICam USB3 Vision Compliant

IDS Imaging uEye LE/XLE USB3.1 Cameras utilize [IDS Imaging's peak SDK platform](#) that supports GeniCam and USB3 Vision standards for ease of software development and integration. These cameras are available in board-level or housed options with S-Mount or C/CS-Mount versions. The C/CS-Mount configurations come with a 5mm spacer to easily adapt between C-Mount and CS-Mount lenses. IDS Imaging uEye LE/XLE USB3.1 Cameras are ideal for small device construction, medical technology, robotics, and machine vision applications. With a compact design, the XLE version is suitable for integration into embedded systems whereas the LE version is suitable for small device projects.

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