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IDS U3-3864LE-M-GL-VU, USB 3.0, 1/2.8" Monochrome Camera

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



Stock **#78-137** [CONTACT US](#)

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1

+

S\$644^{.00}

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Spectrum:	
Monochrome	
General	
Type:	
Monochrome Camera	
Model Number:	
U3-3864LE-M-GL-VU	
Manufacturer:	

IDS Imaging Development Systems	
uEye+ LE	Camera Series:
Physical & Mechanical Properties	
Dimensions (mm): 36 x 36 x 26 (excludes connectors and lens mount)	
18	Weight (g):
Housing:	
Board Level	
Sensor	
Image Buffer:	
Not Specified	
Sensor Format:	
1/2.8"	
Resolution (Megapixels):	
2.12	
Frame Rate (fps):	
135.00	
Pixels (H x V):	
1,936 x 1,096	
Pixel Size, H x V (µm):	
2.90 x 2.90	
Sensing Area, H x V (mm):	
5.61 x 3.175	
Imaging Sensor:	
Sony IMX290	
Type of Sensor:	
Progressive Scan CMOS	
Shutter Type:	
Rolling	
Pixel Depth:	
12 bit	
Exposure Time:	
0.011ms - 1649ms	
Dynamic Range (dB):	
72.00	
Machine Vision Standard:	
USB3 Vision	
Electrical	
Power Consumption (W):	
1 - 1.5	
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	

Product Details

- Up to 8.0MP Resolution with Framerates 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.