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IDS IMAGING U3-3046LE-C-HQ, 1/3" USB 3 Color Camera Rev. 1.2

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IDS Imaging uEye+ USB3 Cameras



Stock **#73-670** 1 In Stock

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1

+

S\$756^{.00}

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Color		Spectrum:
Color Camera		Type:
U3-3046LE-C-HQ		Model Number:
		Manufacturer:

IDS Imaging Development Systems	
uEye+ LE	Camera Series:
Physical & Mechanical Properties	
Dimensions (mm): 47 x 46 x 25 (excludes connectors and lens mount)	
Weight (g): 38	
Housing: Full	
Sensor	
Image Buffer: Not Specified	
Sensor Format: 1/2.9"	
Resolution (Megapixels): 1.57	
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: 0.025ms - 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	
GPIOs: N/A	
Synchronization: Hardware Trigger (GPIO); Software Trigger	
Interface Port Orientation: Back Panel (Right Angle)	
GPIO Connector Type: No GPIO Connector Available	
Threading & Mounting	
Mount: S-Mount (M12 x 0.5)	
Mounting Threads: 1/4-20 with Tripod Mount Adapter #16-017	
Environmental & Durability Factors	
Operating Temperature (°C): 0 to +55	
Storage Temperature (°C): -20 to +80	
Regulatory Compliance	

Product Details

- Standard (SE), Compact (CP), and Ultra Compact (XCP) Housing Options Available
- C-Mount with Large Format CMOS Sensors up to 1.1"
- Up to 20.44MP Resolution with Framerrates up to 396fps

IDS Imaging uEye CP/XCP/SE USB3 Cameras utilize [IDS Imaging's peak SDK platform](#) that supports GeniCam and USB3 Vision standards for easy software development and integration. The CP cameras are the industry standard size of 29 x 29 x 29mm and work for almost any application. The XCP cameras have an ultra-compact size of 29 x 29 x 17mm and are an excellent option for price-sensitive, single-camera applications. The SE cameras have a larger housing size of 34 x 44 x 47mm to allow for exceptional heat management and are ideal for noise and heat-sensitive applications. IDS Imaging uEye CP/XCP/SE USB3 Cameras are ideal for manufacturing, industrial, and automation applications.