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

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IDS Imaging uEye+ USB3 Cameras

+6

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

−   1   +   **€540**.00

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Qty 1+	**€540,00** each
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❶ Prices shown are exclusive of VAT/local taxes

Product Downloads

Spectrum:	
Color	

General

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

Manufacturer:	
IDS Imaging Development Systems	
Camera Series:	
uEye+ LE	

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:	
¼-20 with Tripod Mount Adapter **#16-017**	

Environmental & Durability Factors

Operating Temperature (°C):	
0 to +55	
Storage Temperature (°C):	
-20 to +80	

Regulatory Compliance

Certificate of Conformance:

View

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 Framerates 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.

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