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IDS U3-38J4XLS-M-GL, USB 3.0, 1/2.8" Monochrome Board Level Camera

See More by **IDS Imaging Development Systems**

Pictured is an example of an IDS Board Level Camera (Front)

Stock **#78-246** CONTACT US

⊖ 1 ⊕   **£227**.20

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Qty 1+	**£227.20** each
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⬤ Prices shown are exclusive of VAT/local taxes

	Spectrum:
Monochrome	

General

	Type:
Monochrome Camera	
	Model Number:
U3-38J4XLS-M-GL	
	Manufacturer:
IDS Imaging Development Systems	
	Camera Series:
uEye+ XLS	

Physical & Mechanical Properties

	Dimensions (mm):
32.5 x 32.5 x 14 (excludes connectors and lens mount)	
	Weight (g):
20	
	Housing:
Board Level	

Sensor

	Image Buffer:
Not Specified	
	Sensor Format:
1/2.8"	
	Resolution (Megapixels):
8.41	
	Frame Rate (fps):
25.00	
	Pixels (H x V):
3,864 x 2,176	
	Pixel Size, H x V (µm):
1.45 x 1.45	
	Sensing Area, H x V (mm):
5.603 x 3.155	
	Imaging Sensor:
Sony IMX415	
	Type of Sensor:
Progressive Scan CMOS	
	Shutter Type:
Rolling	
	Pixel Depth:
12 bit	
	Exposure Time:
0.016ms - 2000ms	
	Dynamic Range (dB):
66.00	
	Machine Vision Standard:
USB3 Vision	

Electrical

	Power Consumption (W):
0.5 - 1	

Hardware & Interface Connectivity

	Interface:
USB 3.0	
	Connector:
USB 3.0 micro-B	
	Power Supply:
Power over USB	
	GPIO Connector Type:
8-pin connector	

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

- 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.