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IDS U3-38L4XLS-C-HQ, USB 3.0, 1/2.3" Color Board Level Camera

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



Stock **#78-257** NEW 10 TO 12 DAYS

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SPECIFICATIONS

General

Color Camera	Type:
IDS Imaging Development Systems	Manufacturer:
uEye+ XLS	Camera Family:
U3-38L4XLS-C-HQ	Model Number:

Physical & Mechanical Properties

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

Sensor

Not Specified	Image Buffer:
Sony IMX412	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Rolling	Type of Shutter:
1/2.3"	Camera Sensor Format:
12.33	Resolution (MegaPixels):
4,056 x 3,040	Pixels (H x V):
1.55 x 1.55	Pixel Size, H x V (µm):
6.287 x 4.712	Sensing Area, H x V (mm):
18.00	Frame Rate (fps):
12 bit	Pixel Depth:
0.011ms - 1900ms	Exposure Time:
68.00	Dynamic Range (dB):
USB3 Vision	Machine Vision Standard:

Electrical

0.5 - 1	Power Consumption (W):
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Hardware & Interface Connectivity

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

Threading & Mounting

CS- / C-Mbunt	Mount:
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Environmental & Durability Factors

0 to +75	Operating Temperature (°C):
-20 to +80	Storage Temperature (°C):
Regulatory Compliance	
Compliant	RoHS:
View	Certificate of Conformance:

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 x29 x29mm and work for almost any application. The XCP cameras have an ultra-compact size of 29 x29 x 17mm and are an excellent option for price-sensitive, single-camera applications. The SE cameras have a larger housing size of 34 x44 x47mm 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.