

IDS U3-38C4XLS-C-HQ, USB 3.0, 1/2.8" Color Board Level Camera

A black, rectangular, ruggedized device, possibly a handheld scanner or data collector, is shown with its back cover removed. The internal green printed circuit board (PCB) is visible, featuring a QR code, various electronic components, and a coiled cable attached to the side. The device is set against a dark background.



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! Prices shown are exclusive of VAT/local taxes

Color _____ Spectrum: _____

Type: Color Camera

Model Number:
U3-38C4XLS-C-HQ

IDS Imaging Development Systems	Manufacturer:
uEye+ XLS	Camera Series:
Physical & Mechanical Properties	
32.5 x 32.5 x 14 (excludes connectors and lens mount)	Dimensions (mm):
15	Weight (g):
Board Level	Housing:
Sensor	
Not Specified	Image Buffer:
1/2.8"	Sensor Format:
2.16	Resolution (Megapixels):
88.00	Frame Rate (fps):
1,936 x 1,096	Pixels (H x V):
2.90 x 2.90	Pixel Size, H x V (µm):
5.614 x 3.178	Sensing Area, H x V (mm):
Sony IMX662	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Rolling	Shutter Type:
12 bit	Pixel Depth:
0.009ms - 2000ms	Exposure Time:
74.00	Dynamic Range (dB):
USB3 Vision	Machine Vision Standard:
Electrical	
0.5 - 0.9	Power Consumption (W):
Hardware & Interface Connectivity	
USB 3.0	Interface:
USB 3.0 micro-B	Connector:
Power over USB	Power Supply:
8-pin connector	GPIO Connector Type:
Threading & Mounting	
C/CS-Mount	Mount:
Environmental & Durability Factors	
0 to +75	Operating Temperature (°C):
-20 to +80	Storage Temperature (°C):
Regulatory Compliance	
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 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.