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IDS U3-3130CP-C-HQ, USB 3.0, 1/3.6" Color Camera

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IDS Imaging uEye+ USB3 Camera, CP Model (Front)

Stock **#24-077** [CONTACT US](#)

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1

+

S\$868^{.00}

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Color		Spectrum:
General		
Color Camera		Type:
U3-3130CP-C-HQ		Model Number:
IDS Imaging Development Systems		Manufacturer:
		Camera Series:

uEye+ CP	
Physical & Mechanical Properties	
Dimensions (mm): 29 x 29 x 29 (excludes connectors and lens mount)	
Weight (g): 52	
Housing: Full	
Sensor	
Image Buffer: 128MB	
Sensor Format: 1/3.6"	
Resolution (Megapixels): 0.50	
Frame Rate (fps): 396.00	
Pixels (H x V): 800 x 600	
Pixel Size, H x V (µm): 4.80 x 4.80	
Sensing Area, H x V (mm): 3.84 x 2.88	
Imaging Sensor: ON Semi PYTHON 500	
Type of Sensor: Progressive Scan CMOS	
Shutter Type: Global	
Pixel Depth: 10 bit	
Exposure Time: 0.035ms - 303ms	
Dynamic Range (dB): 60.00	
Machine Vision Standard: USB3 Vision	
Electrical	
Power Consumption (W): 1.7 - 3.9	
Hardware & Interface Connectivity	
Interface: USB 3.0	
Connector: USB 3.0 micro-B, screwable	
Power Supply: Power over USB	
GPIOs: 2 Flash Output, 2 Trigger Input, 2 GPIO, 1 Output Supply Voltage, 1 Ground	
Synchronization: Hardware Trigger (GPIO)	
Interface Port Orientation: Back Panel	
GPIO Connector Type: 8-pin Hirose connector (HR25-7TR-8PA(73))	
Threading & Mounting	
Mount: C-Mount	
Mounting Threads: ¼-20 with Tripod Mount Adapter #16-017	
Environmental & Durability Factors	
Operating Temperature (°C): 0 to +55	
Storage Temperature (°C): -20 to +60	
Regulatory Compliance	
RoHS 2015:	

Exempt	
View	Certificate of Conformance:
Contains SVHC(s)	REACH 241:

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.