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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](#)

⊖ 1 ⊕ €620<sup>00</sup>

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Qty 1+	€620,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

Color	<b>Spectrum:</b>
<b>General</b>	
Color Camera	<b>Type:</b>
U3-3130CP-C-HQ	<b>Model Number:</b>
IDS Imaging Development Systems	<b>Manufacturer:</b>

uEye+ CP Camera Series:

## 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:  
1/4-20 with Tripod Mount Adapter [#16-017](#)

## Environmental & Durability Factors

Operating Temperature (°C):  
0 to +55

Storage Temperature (°C):  
-20 to +60

## Regulatory Compliance

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[Exempt](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

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[Contains SVHC\(s\)](#) **REACH 241:**

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## 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 Framing rates 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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