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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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+

C\$868<sup>.00</sup>

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

|                                  |                             |
|----------------------------------|-----------------------------|
| <a href="#">Exempt</a>           |                             |
| <a href="#">View</a>             | Certificate of Conformance: |
|                                  |                             |
| <a href="#">Contains SVHC(s)</a> | 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.

## Calibration Services

