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# IDS U3-3080CP-M-GL, USB 3.0, 2/3" Monochrome Camera

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



Stock **#16-517** **3 In Stock**

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-

1

+

C\$2,254<sup>00</sup>

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**Note:** This item requires accessories for use | [Learn More](#)

Product Downloads

Monochrome

Spectrum:

General

Monochrome Camera

Type:

|                                 |                |
|---------------------------------|----------------|
| U3-3080CP-M-GL                  | Model Number:  |
| IDS Imaging Development Systems | Manufacturer:  |
| uEye+ CP                        | Camera Series: |

Physical & Mechanical Properties

|                                                   |                  |
|---------------------------------------------------|------------------|
| 29 x 29 x 29 (excludes connectors and lens mount) | Dimensions (mm): |
| 50                                                | Weight (g):      |

|      |          |
|------|----------|
| Full | Housing: |
|------|----------|

Sensor

|       |                |
|-------|----------------|
| 128MB | Image Buffer:  |
| 2/3"  | Sensor Format: |

|       |                          |
|-------|--------------------------|
| 5.01  | Resolution (Megapixels): |
| 77.00 | Frame Rate (fps):        |

|               |                         |
|---------------|-------------------------|
| 2,456 x 2,054 | Pixels (H x V):         |
| 3.45 x 3.45   | Pixel Size, H x V (µm): |

|               |                           |
|---------------|---------------------------|
| 8.473 x 7.086 | Sensing Area, H x V (mm): |
| Sony IMX250   | Imaging Sensor:           |

|                       |                 |
|-----------------------|-----------------|
| Progressive Scan CMOS | Type of Sensor: |
| Global                | Shutter Type:   |

|                  |                |
|------------------|----------------|
| 12 bit           | Pixel Depth:   |
| 0.036ms - 2000ms | Exposure Time: |

|             |                          |
|-------------|--------------------------|
| 70.00       | Dynamic Range (dB):      |
| USB3 Vision | Machine Vision Standard: |

Electrical

|           |                        |
|-----------|------------------------|
| 1.6 - 3.7 | Power Consumption (W): |
|-----------|------------------------|

Hardware & Interface Connectivity

|                            |            |
|----------------------------|------------|
| USB 3.0                    | Interface: |
| USB 3.0 micro-B, screwable | Connector: |

|                                                                            |               |
|----------------------------------------------------------------------------|---------------|
| Power over USB                                                             | Power Supply: |
| 2 Flash Output, 2 Trigger Input, 2 GPIO, 1 Output Supply Voltage, 1 Ground | GPIOs:        |

|                         |                             |
|-------------------------|-----------------------------|
| Hardware Trigger (GPIO) | Synchronization:            |
| Back Panel              | Interface Port Orientation: |

|                                           |                      |
|-------------------------------------------|----------------------|
| 8-pin Hirose connector (HR25-7TR-8PA(73)) | GPIO Connector Type: |
|-------------------------------------------|----------------------|

Threading & Mounting

|                                                          |                   |
|----------------------------------------------------------|-------------------|
| C-Mount                                                  | Mount:            |
| 1/4-20 with Tripod Mount Adapter <a href="#">#35-088</a> | Mounting Threads: |

Environmental & Durability Factors

|          |                             |
|----------|-----------------------------|
| 0 to +55 | Operating Temperature (°C): |
|----------|-----------------------------|

|                                  |                             |
|----------------------------------|-----------------------------|
| -20 to +60                       | Storage Temperature (°C):   |
| Regulatory Compliance            |                             |
| <a href="#">Exempt</a>           | RoHS 2015:                  |
| <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