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## IDS U3-30C0CP-M-GL, USB 3.0, 1/2.3" Monochrome Camera

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IDS Imaging uEye+ USB3 Cameras



Stock #78-117 **1 In Stock**

⊖ 1 ⊕ MRP ₹57,879

● Price inclusive of all taxes

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### Product Downloads

**Spectrum:**  
Monochrome

### General

**Type:**  
Monochrome Camera

**Model Number:**  
U3-30C0CP-M-GL

**Manufacturer:**  
IDS Imaging Development Systems

**Camera Series:**  
uEye+ CP

## Physical & Mechanical Properties

**Dimensions (mm):**  
29 x 29 x 29 (excludes connectors and lens mount)

**Weight (g):**  
49

**Housing:**  
Full

## Sensor

**Image Buffer:**  
128MB

**Sensor Format:**  
1/2.3"

**Resolution (Megapixels):**  
2.35

**Frame Rate (fps):**  
166.00

**Pixels (H x V):**  
1,936 x 1,216

**Pixel Size, H x V (µm):**  
3.45 x 3.45

**Sensing Area, H x V (mm):**  
6.679 x 4.195

**Imaging Sensor:**  
Sony IMX392

**Type of Sensor:**  
Progressive Scan CMOS

**Shutter Type:**  
Global

**Pixel Depth:**  
12 bit

**Exposure Time:**  
0.032ms - 2000ms

**Dynamic Range (dB):**  
71.00

**Machine Vision Standard:**  
USB3 Vision

## Electrical

**Power Consumption (W):**  
1.9 - 3.8

## Hardware & Interface Connectivity

**Interface:**  
USB 3.0

**Connector:**  
USB 3.0 micro-B, screwable

**Power Supply:**  
Power over USB

**Synchronization:**  
Hardware Trigger (GPIO); Software Trigger

**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 [#35-088](#)

## Environmental & Durability Factors

**Operating Temperature (°C):**  
0 to +55

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

## Regulatory Compliance

**Exempt** **RoHS 2015:**

**View** **Certificate of Conformance:**

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**Contains SVHC(s)** **Reach 251:**

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**Country of Origin:**  
Germany

**Imported By:**  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

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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 Framrates 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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