Edmund
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IDS U3-3060CP-M-GL, USB 3.0, 1/1.2" Monochrome Camera

See More by **IDS Imaging Development Systems**

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

Stock **#16-509**   **5 In Stock**

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(-) 1 (+)   **€1.035**⁰⁰

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Note: This item requires accessories for use | **Learn More**

Product Downloads

Spectrum:

Monochrome

General

Type:

Monochrome Camera

Model Number:	
U3-3060CP-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:	
1/1.2"	
Resolution (Megapixels):	
2.30	
Frame Rate (fps):	
161.00	
Pixels (H x V):	
1,936 x 1,216	
Pixel Size, H x V (µm):	
5.86 x 5.86	
Sensing Area, H x V (mm):	
11.345 x 7.126	
Imaging Sensor:	
Sony IMX174	
Type of Sensor:	
Progressive Scan CMOS	
Shutter Type:	
Global	
Pixel Depth:	
12 bit	
Exposure Time:	
0.031ms - 2000ms	
Dynamic Range (dB):	
74.00	
Machine Vision Standard:	
USB3 Vision	

Electrical

Power Consumption (W):	
1.6 - 3.2	

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 #35-088	

Environmental & Durability Factors

Operating Temperature (°C):	
0 to +55	

Storage Temperature (°C):
-20 to +60

Regulatory Compliance

RoHS 2015:
Exempt

Certificate of Conformance:
View

REACH 241:
Contains SVHC(s)

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 Framerates 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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