

[See all 104 Products in Family](#)

IDS U3-3990CP-C-HQ, USB 3.0, 1.1" Color Camera

See More by [IDS Imaging Development Systems](#)



IDS Imaging uEye+ USB3 Cameras



Stock **#73-669** 1 In Stock

-

1

+

€2.335⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	€2.335,00 each
Need More?	Request Quote

 Prices shown are exclusive of VAT/local taxes

Product Downloads	
Color	Spectrum:
General	
Color Camera	Type:
U3-3990CP-C-HQ	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):
46	Weight (g):
Full	Housing:
Sensor	
128MB	Image Buffer:
1.1"	Sensor Format:
20.36	Resolution (Megapixels):
19.00	Frame Rate (fps):
4,512 x 4,512	Pixels (H x V):
2.74 x 2.74	Pixel Size, H x V (µm):
12.363 x 12.363	Sensing Area, H x V (mm):
Sony IMX541	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
12 bit	Pixel Depth:
0.042ms - 2000ms	Exposure Time:
70.00	Dynamic Range (dB):
USB3 Vision	Machine Vision Standard:
Electrical	
2.7 - 4.4	Power Consumption (W):
Hardware & Interface Connectivity	
USB 3.0	Interface:
USB 3.0 micro-B, screwable	Connector:
Power over USB	Power Supply:
8-pin Hirose connector (HR25-7TR-8PA(73))	GPIO Connector Type:
Threading & Mounting	
C-Mount	Mount:
¼-20 with Tripod Mount Adapter #35-088	Mounting Threads:
Environmental & Durability Factors	
0 to +55	Operating Temperature (°C):
-20 to +60	Storage Temperature (°C):
Regulatory Compliance	
View	Certificate of Conformance:

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.