

[All Products](#) / [Cameras](#) / [USB Cameras](#) / [IDS Imaging uEye+ CP/XCP/SE USB3 Cameras](#)

[See all 105 Products in Family](#)

IDS U3-3070CP-C-HQ, USB 3.0, 1/1.8" Color Camera

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



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



Stock **#16-512** 10 TO 12 DAYS

[Similar Cameras](#)

-

1

+

₹89,000

ADD TO CART

Qty 1+

₹89,000

Volume Pricing

[Request Quote](#)

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

Product Downloads

SPECIFICATIONS

General

Color Camera		Type:
IDS Imaging Development Systems		Manufacturer:
uEye+ CP		Camera Family:
U3-3070CP-C-HQ		Model Number:
Physical & Mechanical Properties		
29 x 29 x 29 (excludes connectors and lens mount)		Dimensions (mm):
50		Weight (g):
Full		Housing:
Sensor		
128		Image Buffer:
Sony IMX252		Imaging Sensor:
Progressive Scan CMOS		Type of Sensor:
Global		Type of Shutter:
1/1.8"		Camera Sensor Format:
3.15		Resolution (MegaPixels):
2,056 x 1,542		Pixels (H x V):
3.45 x 3.45		Pixel Size, H x V (µm):
7.093 x 5.32		Sensing Area, H x V (mm):
114.00		Frame Rate (fps):
12 bit		Pixel Depth:
0.036ms - 2000ms		Exposure Time:
70.00		Dynamic Range (dB):
USB3 Vision		Machine Vision Standard:
Electrical		
1.6 - 3.5		Power Consumption (W):
Hardware & Interface Connectivity		
USB 3.0		Video Output:
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		
1/4-20 with Tripod Mount Adapter #35-088		Mounting Threads:
C-Mount		Mount:

Environmental & Durability Factors

0 to +55	Operating Temperature (°C):
-20 to +60	Storage Temperature (°C):

Regulatory Compliance

Exempt	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	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 x29 x29mm and work for almost any application. The XCP cameras have an ultra-compact size of 29 x29 x 17mm and are an excellent option for price-sensitive, single-camera applications. The SE cameras have a larger housing size of 34 x44 x47mm 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.