

IDS U3-3880CP-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 **#16-544** [CONTACT US](#)

[Similar Cameras](#)

⊖ 1 ⊕ ₹46,400

ADD TO CART

Volume Pricing	
Qty 1+	₹46,400 each
Need More?	Request Quote

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

Product Downloads

SPECIFICATIONS

General

Color Camera **Type:**

U3-3880CP-C-HQ **Model Number:**

IDS Imaging Development Systems **Manufacturer:**

uEye+ CP **Camera Series:**

Color **Spectrum:**

Physical & Mechanical Properties

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

48 **Weight (g):**

Full **Housing:**

Sensor

128MB **Image Buffer:**

1/1.8" **Sensor Format:**

6.41 **Resolution (Megapixels):**

59.00 **Frame Rate (fps):**

3,088 x 2,076 **Pixels (H x V):**

2.40 x 2.40 **Pixel Size, H x V (µm):**

7.411 x 4.982 **Sensing Area, H x V (mm):**

Sony IMX178 **Imaging Sensor:**

Progressive Scan CMOS **Type of Sensor:**

Rolling **Shutter Type:**

12 bit **Pixel Depth:**

0.014ms - 1060ms **Exposure Time:**

71.00 **Dynamic Range (dB):**

USB3 Vision **Machine Vision Standard:**

Electrical

1.4 - 3 **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-Mbunt **Mount:**

1/4-20 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

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 Frametimes 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.