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IDS U3-34F0XCP-C-HQ, USB 3.0, 1/2.8" Color Camera

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IDS Imaging uEye+ USB3 Cameras



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− 1 + A\$496⁰⁰

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Color **Spectrum:**

General

Color Camera **Type:**

U3-34F0XCP-C-HQ **Model Number:**

Manufacturer:

Camera Series:

uEye+ XCP

Physical & Mechanical Properties

Dimensions (mm):

29 x 29 x 17 (excludes connectors and lens mount)

Weight (g):

62

Housing:

Full

Sensor

Image Buffer:

Not Specified

Sensor Format:

1/2.8"

Resolution (Megapixels):

5.08

Frame Rate (fps):

40.00

Pixels (H x V):

2,608 x 1,960

Pixel Size, H x V (µm):

2.00 x 2.00

Sensing Area, H x V (mm):

5.216 x 3.92

Imaging Sensor:

Sony IMX675

Type of Sensor:

Progressive Scan CMOS

Shutter Type:

Rolling

Pixel Depth:

12 bit

Exposure Time:

0.012ms - 2000ms

Dynamic Range (dB):

68.00

Machine Vision Standard:

USB3 Vision

Electrical

Power Consumption (W):

1 - 1

Hardware & Interface Connectivity

Interface:

USB 3.0

Connector:

USB 3.0 micro-B, screwable

Power Supply:

Power over USB

GPIO Connector Type:

8-pin connector

Threading & Mounting

Mount:

C-Mount

Environmental & Durability Factors

Operating Temperature (°C):

0 to +55

Storage Temperature (°C):

-20 to +60

Regulatory Compliance

Certificate of Conformance:

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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 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 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.
