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IDS IMAGING U3-3046LE-C-HQ, 1/3" USB 3 Color Camera Rev. 1.2

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IDS Imaging uEye+ USB3 Cameras



Stock #73-670 **1 In Stock**

- 1 + €540⁰⁰

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Color **Spectrum:**

General

Color Camera **Type:**

U3-3046LE-C-HQ **Model Number:**

IDS Imaging Development Systems **Manufacturer:**

uEye+ LE **Camera Series:**

Physical & Mechanical Properties

47 x 46 x 25 (excludes connectors and lens mount) **Dimensions (mm):**

38 **Weight (g):**

Full **Housing:**

Sensor

Not Specified **Image Buffer:**

1/2.9" **Sensor Format:**

1.57 **Resolution (Megapixels):**

230.00 **Frame Rate (fps):**

1,448 x 1,086 **Pixels (H x V):**

3.45 x 3.45 **Pixel Size, H x V (µm):**

4.995 x 3.746 **Sensing Area, H x V (mm):**

Sony IMX273 **Imaging Sensor:**

Progressive Scan CMOS **Type of Sensor:**

Global **Shutter Type:**

12 bit **Pixel Depth:**

0.025ms - 2000ms **Exposure Time:**

70.00 **Dynamic Range (dB):**

USB3 Vision **Machine Vision Standard:**

Electrical

1 - 2 **Power Consumption (W):**

Hardware & Interface Connectivity

USB 3.0 **Interface:**

USB Type-C **Connector:**

Power over USB **Power Supply:**

N/A **GPIOs:**

Hardware Trigger (GPIO); Software Trigger **Synchronization:**

Back Panel (Right Angle) **Interface Port Orientation:**

No GPIO Connector Available **GPIO Connector Type:**

Threading & Mounting

S-Mount (M12 x 0.5) **Mount:**

1/4-20 with Tripod Mount Adapter [#16-017](#) **Mounting Threads:**

Environmental & Durability Factors

0 to +55 **Operating Temperature (°C):**

-20 to +80 **Storage Temperature (°C):**

Regulatory Compliance

Certificate of Conformance:

[View](#)

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.
