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IDS U3-3866LE-C-HQ, USB 3.0, 1/2.8" Color Camera

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IDS Imaging uEye LE/XLE Camera (M12, Full Housing, Front View)



Stock #24-114 **1 In Stock**

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- 1 + MRP ₹43,542

1 Price inclusive of all taxes

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Color **Spectrum:**

General

Color Camera **Type:**

U3-3866LE-C-HQ **Model Number:**

IDS Imaging Development Systems
uEye+ LE

Manufacturer:
Camera Series:

Physical & Mechanical Properties

47 x 46 x 25 (excludes connectors and lens mount)
36

Dimensions (mm):
Weight (g):

Full

Housing:

Sensor

Not Specified

Image Buffer:

1/2.8"

Sensor Format:

2.12

Resolution (Megapixels):

135.00

Frame Rate (fps):

1,936 x 1,096

Pixels (H x V):

2.90 x 2.90

Pixel Size, H x V (µm):

5.61 x 3.175

Sensing Area, H x V (mm):

Sony IMX290

Imaging Sensor:

Progressive Scan CMOS

Type of Sensor:

Rolling

Shutter Type:

12 bit

Pixel Depth:

0.011ms - 1649ms

Exposure Time:

72.00

Dynamic Range (dB):

USB3 Vision

Machine Vision Standard:

Electrical

1 - 1.5

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

[Exempt](#)

RoHS 2015:

[View](#)

Certificate of Conformance:

[Contains SVHC\(s\)](#)

REACH 241:

Germany

Country of Origin:

Imported By:

Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Product Details

- Up to 8.0MP Resolution with Framerates up to 230fps
- Board Level Options with C/CS-Mount or S-Mount Available
- GenICam USB3 Vision Compliant

IDS Imaging uEye LE/XLE USB3.1 Cameras utilize [IDS Imaging's peak SDK platform](#) that supports GenICam and USB3 Vision standards for ease of software development and integration. These cameras are available in board-level or housed options with S-Mount or C/CS-Mount versions. The C/CS-Mount configurations come with a 5mm spacer to easily adapt between C-Mount and CS-Mount lenses. IDS Imaging uEye LE/XLE USB3.1 Cameras are ideal for small device construction, medical technology, robotics, and machine vision applications. With a compact design, the XLE version is suitable for integration into embedded systems whereas the LE version is suitable for small device projects.