

[See all 103 Products in Family](#)

IDS U3-33F4XLS-M-GL, USB 3.0, 1/1.8" Monochrome Board Level Camera

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



Pictured is an example of an IDS Board Level Camera (Front)



Stock #78-204 [CONTACT US](#)

- 1 + €570⁰⁰

ADD TO CART

| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1+ | €570,00 each |
| Need More? | Request Quote |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

Monochrome

Spectrum:

General

Monochrome Camera

Type:

U3-33F4XLS-M-GL

Model Number:

IDS Imaging Development Systems

Manufacturer:

uEye+ XLS

Camera Series:

Physical & Mechanical Properties

32.5 x 32.5 x 14 (excludes connectors and lens mount)

Dimensions (mm):

17

Weight (g):

Board Level

Housing:

Sensor

Not Specified

Image Buffer:

1/1.8"

Sensor Format:

5.10

Resolution (Megapixels):

49.00

Frame Rate (fps):

2,448 x 2,048

Pixels (H x V):

2.74 x 2.74

Pixel Size, H x V (µm):

6.707 x 5.612

Sensing Area, H x V (mm):

Sony IMX568

Imaging Sensor:

Progressive Scan CMOS

Type of Sensor:

Global

Shutter Type:

12 bit

Pixel Depth:

0.009ms - 2000ms

Exposure Time:

70.00

Dynamic Range (dB):

USB3 Vision

Machine Vision Standard:

Electrical

0.5 - 1.2

Power Consumption (W):

Hardware & Interface Connectivity

USB 3.0

Interface:

USB 3.0 micro-B

Connector:

Power over USB

Power Supply:

8-pin connector

GPIO Connector Type:

Threading & Mounting

C/CS-Mount

Mount:

Environmental & Durability Factors

0 to +75 **Operating Temperature (°C):**

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

Regulatory Compliance

[View](#) **Certificate of Conformance:**

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.

;