

[See all 103 Products in Family](#)

IDS U3-36P4XLS-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 **#78-272** 1 In Stock

-

1

+

€323⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	€323,00 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Monochrome	Spectrum:
------------	-----------

General

Monochrome Camera	Type:
U3-36P4XLS-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):
15	Weight (g):
Board Level	Housing:

Sensor

Not Specified	Image Buffer:
1/1.8"	Sensor Format:
19.80	Resolution (Megapixels):
15.00	Frame Rate (fps):
5,120 x 3,840	Pixels (H x V):
1.40 x 1.40	Pixel Size, H x V (µm):
7.168 x 5.376	Sensing Area, H x V (mm):
ON Semi AR2020	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Rolling	Shutter Type:
10 bit	Pixel Depth:
0.035ms - 2000ms	Exposure Time:
63.00	Dynamic Range (dB):
USB3 Vision	Machine Vision Standard:

Electrical

0.5 - 1	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 +55	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.