See all 102 Products in Family

IDS U3-3681XLS-C, USB 3.0, 1/2.5" Color Board Level Camera

See More by IDS Imaging Development Systems

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

Stock **#78-189** **2 In Stock**

- 1 + **€254**.00

ADD TO CART

Volume Pricing	
Qty 1+	**€254,00** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

Spectrum:
Color

General

Type:
Color Camera

Model Number:
U3-3681XLS-C

Manufacturer:
IDS Imaging Development Systems

Camera Series:
uEye+ XLS

Physical & Mechanical Properties

Dimensions (mm):
32.5 x 32.5 x 14 (excludes connectors and lens mount)

Weight (g):
13

Housing:
Board Level

Sensor

Image Buffer:
Not Specified

Sensor Format:
1/2.5"

Resolution (Megapixels):
5.04

Frame Rate (fps):
48.00

Pixels (H x V):
2,592 x 1,944

Pixel Size, H x V (µm):
2.20 x 2.20

Sensing Area, H x V (mm):
5.702 x 4.277

Imaging Sensor:
ON Semi AR0521

Type of Sensor:
Progressive Scan CMOS

Shutter Type:
Rolling

Pixel Depth:
12 bit

Exposure Time:
0.016ms - 2000ms

Dynamic Range (dB):
64.00

Machine Vision Standard:
USB3 Vision

Electrical

Power Consumption (W):
0.6 - 1.2

Hardware & Interface Connectivity

Interface:
USB 3.0

Connector:
USB 3.0 micro-B

Power Supply:
Power over USB

GPIO Connector Type:
8-pin connector

Threading & Mounting

Mount:
S-Mount (M12 x 0.5)

Environmental & Durability Factors

Operating Temperature (°C):

0 to +85

Storage Temperature (°C):

-20 to +80

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 Framerates 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.

;