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IDS U3-3684XLS-NIR-GL, USB 3.0, 1/2.5" Monochrome Board Level Camera NIR

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



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S\$488^{.60}

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SPECIFICATIONS

NIR Spectrum:

General

Mono NIR Type:

U3-3684XLS-NIR-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):

13 Weight (g):

Board Level Housing:

Sensor

Not Specified Image Buffer:

1/2.5" Sensor Format:

5.04 Resolution (Megapixels):

48.00 Frame Rate (fps):

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

2.20 x 2.20 Pixel Size, H x V (µm):

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

ON Semi AR0522 Imaging Sensor:

Progressive Scan CMOS Type of Sensor:

Rolling Shutter Type:

12 bit Pixel Depth:

0.046ms - 635ms Exposure Time:

63.00 Dynamic Range (dB):

USB3 Vision Machine Vision Standard:

Electrical

0.6 - 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 +55	Operating Temperature (°C):
-20 to +80	Storage Temperature (°C):

Regulatory Compliance

View	Certificate of Conformance:
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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.