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IDS U3-3560XC

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IDS Imaging uEye+ USB3 Cameras



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1

€362^{,00}

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Product Downloads

- User Manual
- Software
- EO Spec Sheet

Spectrum: Color

General

Type: Color Camera

Model Number: U3-3560XCP-C-HQ

Manufacturer: IDS Imaging Development Systems

Camera Series: uEye+ XCP

Physical & Mechanical Properties

Dimensions (mm): 29 x 29 x 17 (excludes connectors and lens mount)

Weight (g): 61

Housing: Full

Sensor

Image Buffer: Not Specified

Sensor Format: 1/2.6"

Resolution (Megapixels): 2.30

Frame Rate (fps): 102.00

Pixels (H x V): 1,920 x 1,200

Pixel Size, H x V (µm): 3.00 x 3.00

Sensing Area, H x V (mm): 5.76 x 3.6

Imaging Sensor: ON Semi AR0234

Type of Sensor: Progressive Scan CMOS

Shutter Type: Global

Pixel Depth: 10 bit

Exposure Time: 0.012ms - 2000ms

Dynamic Range (dB): 58.00

Machine Vision Standard: USB3 Vision

Electrical

Power Consumption (W): 0.5 - 1

Hardware & Interface Connectivity

Interface: USB 3.0

Connector: USB 3.0 micro-B, screwable

Power Supply: Power over USB

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Threading & Mounting

Mount: C-Mount

Environmental & Durability Factors

Operating Temperature (°C): 0 to +55

Storage Temperature (°C): -20 to +60

Regulatory Compliance

Certificate of Conformance: [View](#)

Product Details

ON Semi AR0234

- 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 Frametimes 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.

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	3m Standard I/O Cable, Female Termination		#74-506	€63,00 Request Quote	5 In Stock <input type="text" value="1"/>

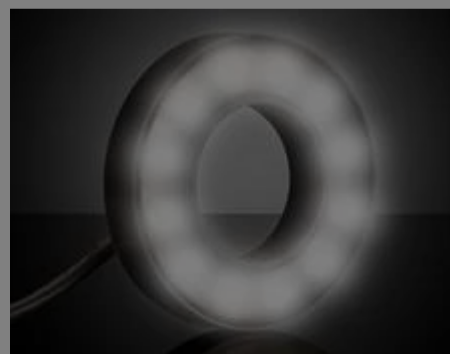
Related Products



IDS Imaging Cameras



Imaging Lenses



Machine Vision Lighting



Teledyne FLIR IIS Oryx@10GigE Cameras

Imaging Lens Selector



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- Factory Automation
- Telecentric
- M12

Custom Sensor

Camera Model

Camera Model:



Number of Horizontal Pixels:

1 1920

Number of Vertical Pixels:

2 1200

Pixel Size (µm):

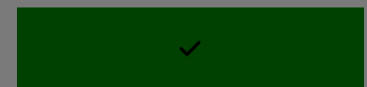
3 3

Working Distance (mm):

4

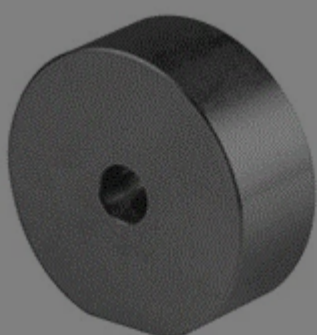
Horizontal Field of View (mm):

5

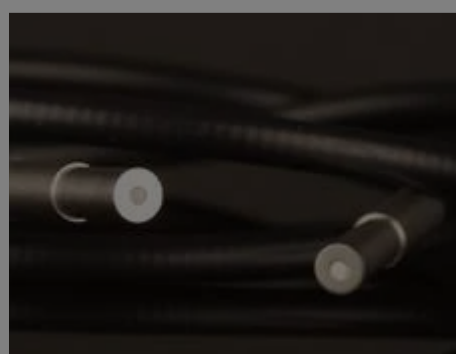


Disclaimer: Values represent theoretical values from lens design software. Actual lens performance varies due to manufacturing tolerances.

Frequently Purchased Together



#38-943 - 0.191" ID, Fiber Optic Adapter SX-5
€47,75



#39-366 - 1/8" x 48", Flexible Fiber Optic Light Guide
€120,00



#53-047 - C-Mount Light Guide Mounting Adapter
€40,25



#86-770 - Type-A to Micro-B, USB 3.1 Locking Cable, 3m
€25,00

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Sensor Performance and Limitations

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How Do Cameras Work?

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