IDS GV-7090WP-C-HQ, 10GigE, 1" Color Camera

See More by **IDS Imaging Development Systems**

IDS Imaging uEye Warp10 10GigE Cameras

Stock **#24-075**   **1 In Stock**

(-)   1   (+)   €3.635⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	**€3.635,00** each
Need More?	**Request Quote**

⊖ Prices shown are exclusive of VAT/local taxes

Product Downloads	

	Spectrum:
Color	

General	
	Type:
Color Camera	
	Model Number:
GV-7090WP-C-HQ	
	Manufacturer:
IDS Imaging Development Systems	

Camera Series:

uEye+ WP

Physical & Mechanical Properties

Dimensions (mm):

60 x 75 x 94.5 (excludes connectors and lens mount)

Weight (g):

550

Housing:

Full

Sensor

Image Buffer:

2032

Sensor Format:

1"

Resolution (Megapixels):

8.80

Frame Rate (fps):

61.00

Pixels (H x V):

4,104 x 2,174

Pixel Size, H x V (µm):

3.45 x 3.45

Sensing Area, H x V (mm):

14.158 x 7.50

Imaging Sensor:

Sony IMX255

Type of Sensor:

Progressive Scan CMOS

Shutter Type:

Global

Pixel Depth:

12 bit

Exposure Time:

0.052ms - 2000ms

Dynamic Range (dB):

70.00

Machine Vision Standard:

GigE Vision

Electrical

Power Consumption (W):

10 - 14

Hardware & Interface Connectivity

Interface:

10GigE (PoE)

Connector:

GigE RJ45, screwable

Power Supply:

Power over Ethernet (PoE) or via GPIO

GPIOs:

1 Trigger Input, 1 Flash Output, 2 Fast Output

Synchronization:

Hardware Trigger (GPIO); Software Trigger

Interface Port Orientation:

Back Panel

GPIO Connector Type:

12-pin M12 connector (Attend 216A-12MSR)

Threading & Mounting

Mount:

C-Mount

Mounting Threads:

¼-20 with Tripod Mount Adapter **#16-017**

Environmental & Durability Factors

Operating Temperature (°C):

0 to +55

Storage Temperature (°C):

-20 to +60

Regulatory Compliance

RoHS 2015:

Certificate of Conformance:

REACH 241:

Product Details

- 10GBASE-T (10GigE) Ethernet Interface, 10X Faster than GigE
- Up to 12.3MP Resolution with Framerates up to 98fps
- Compatible with 1GigE, 2.5GigE and 5GigE Interfaces

IDS Imaging uEye Warp10 10GigE Cameras are capable of providing high quality, reliable image transfers at cable lengths of up to 100m on CAT6A or 40m on CAT5e. These global shutter cameras offer up to 12.3MP resolution. The 10GigE Ethernet interface provides up to 10X faster speeds than GigE for framerates up to 98fps for applications requiring high bandwidth. IDS Imaging uEye Warp10 10GigE Cameras are backwards compatible with existing 1GigE, 2.5GigE or 5GigE interfaces and will adjust their speed automatically. These cameras are ideal for machine vision, metrology, electronics inspection, and sports/motion analysis applications. These GeniCam compliant cameras are designed for the **IDS Peak software** but are compatible with most other GeniCam software protocols.