

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

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IDS Imaging uEye Warp10 10GigE Cameras

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

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+

C\$5,089^{.00}

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

Physical & Mechanical Properties

60 x 75 x 94.5 (excludes connectors and lens mount)	Dimensions (mm):
550	Weight (g):
Full	Housing:

Sensor

2032	Image Buffer:
1"	Sensor Format:
8.80	Resolution (Megapixels):
61.00	Frame Rate (fps):
4,104 x 2,174	Pixels (H x V):
3.45 x 3.45	Pixel Size, H x V (µm):
14.158 x 7.50	Sensing Area, H x V (mm):
Sony IMX255	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
12 bit	Pixel Depth:
0.052ms - 2000ms	Exposure Time:
70.00	Dynamic Range (dB):
GigE Vision	Machine Vision Standard:

Electrical

10 - 14	Power Consumption (W):

Hardware & Interface Connectivity

10GigE (PoE)	Interface:
GigE RJ45, screwable	Connector:
Power over Ethernet (PoE) or via GPIO	Power Supply:
1 Trigger Input, 1 Flash Output, 2 Fast Output	GPIOs:
Hardware Trigger (GPIO); Software Trigger	Synchronization:
Back Panel	Interface Port Orientation:
12-pin M12 connector (Attend 216A-12MSR)	GPIO Connector Type:

Threading & Mounting

C-Mount	Mount:
¼-20 with Tripod Mount Adapter	Mounting Threads:
	#16-017

Environmental & Durability Factors

0 to +55	Operating Temperature (°C):
-20 to +60	Storage Temperature (°C):

Regulatory Compliance

Exempt	RoHS 2015:

View	Certificate of Conformance:
Contains SVHC(s)	REACH 241:

Product Details

- 10GBASE-T (10GigE) Ethernet Interface, 10X Faster than GigE
 - Up to 12.3MP Resolution with Framerrates 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.

Calibration Services

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