

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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1

+

S\$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:

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: Exempt	

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.