

IDS GV-7000WP-C-HQ, 10GigE, 1.1" Color Camera

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IDS Imaging uEye Warp10 10GigE Cameras

Stock **#24-071** 1 In Stock

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1

+

S\$5,544^{.00}

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Color	Spectrum:
General	
Color Camera	Type:
GV-7000WP-C-HQ	Model Number:
IDS Imaging Development Systems	Manufacturer:
	Camera Series:

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: 1.1"
	Resolution (Megapixels): 12.30
	Frame Rate (fps): 44.00
	Pixels (H x V): 4,104 x 3,006
	Pixel Size, H x V (µm): 3.45 x 3.45
	Sensing Area, H x V (mm): 14.158 x 10.37
	Imaging Sensor: Sony IMX253
	Type of Sensor: Progressive Scan CMOS
	Shutter Type: Global
	Pixel Depth: 12 bit
	Exposure Time: 0.042ms - 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.