

IDS GV-77S5WP-M-GL, 10GigE, 1.5" Monochrome Camera

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IDS Imaging uEye Warp10 10GigE Cameras

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SPECIFICATIONS

General

Monochrome Camera

Type:

GV-77S5WP-M-GL

Model Number:

Manufacturer:

IDS Imaging Development Systems	
uEye+ WP	Camera Series:
Monochrome	
	Spectrum:
Physical & Mechanical Properties	
60 x 75 x 94.5 (excludes connectors and lens mount)	Dimensions (mm):
570	Weight (g):
Full	
Housing:	
Sensor	
2032	Image Buffer:
1.5"	Sensor Format:
29.90	Resolution (Megapixels):
26.00	Frame Rate (fps):
5,460 x 5,460	Pixels (H x V):
3.20 x 3.20	Pixel Size, H x V (µm):
17.472 x 17.472	Sensing Area, H x V (mm):
ON Semi XGS 30000	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
12 bit	Pixel Depth:
0.037ms - 2000ms	Exposure Time:
66.00	Dynamic Range (dB):
GigE Vision	Machine Vision Standard:
Electrical	
12.7 - 16.1	Power Consumption (W):
Hardware & Interface Connectivity	
10GigE (PoE)	Interface:
GigE RJ45	Connector:
Power over Ethernet (PoE) or via GPIO	Power Supply:
1 Trigger Input, 1 Flash Output, 2 Fast Output	GPIOs:
Back Panel	Interface Port Orientation:
12-pin M12 connector (Attend 216A-12MSR)	GPIO Connector Type:
Threading & Mounting	
TFL-Mbunt	Mount:
1/4-20 with Tripod Mount Adapter #16-017	Mounting Threads:
Environmental & Durability Factors	
0 to +55	Operating Temperature (°C):
-20 to +60	Storage Temperature (°C):

Regulatory Compliance

Certificate of Conformance:

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PRODUCT DETAILS

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