

Pixelink PL-X9512MG-T 1.1" 12MP C-Mount, 10GigE PoE Monochrome Camera



Pixelink® PL-X10GigE Cameras



Stock #23-883 1 In Stock

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+

A\$6,912⁰⁰

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Note: This item requires accessories for use | [Learn More](#)

Product Downloads

Spectrum:	
Monochrome	
General	
Type:	
Monochrome Camera	
Model Number:	
PL-X9512MG-T	

Pixelink	Manufacturer:
PL-X Series	Camera Series:
Physical & Mechanical Properties	
125 x 57 x 57	Dimensions (mm):
560.0	Weight (g):
Full	Housing:
Sensor	
Not Specified	Image Buffer:
1.1"	Sensor Format:
12.00	Resolution (Megapixels):
65.00	Frame Rate (fps):
4,096 x 3,000	Pixels (H x V):
3.45 x 3.45	Pixel Size, H x V (µm):
14.1 x 10.4	Sensing Area, H x V (mm):
Sony IMX253	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
8/12 bit	Pixel Depth:
Not Specified	Exposure Time:
70	Dynamic Range (dB):
10GigE Vision	Machine Vision Standard:
Electrical	
5V (from USB Type-C connector), 48V (802.3bt PoE)	Power Consumption (W):
Hardware & Interface Connectivity	
GigE (PoE)	Interface:
GiGE, USB 3.0, Micro-C	Connector:
PoE or USB	Power Supply:
1 opto-isolated input, 2 non-isolated GPIOs	GPIOs:
Hardware and Software Trigger	Synchronization:
Back Panel	Interface Port Orientation:
M12 X-Coded (8-pin)	GPIO Connector Type:
Threading & Mounting	
C-Mount	Mount:
No Mounting Threads/Tripod Adapter	Mounting Threads:
Environmental & Durability Factors	
0°C to 50°C	Operating Temperature (°C):
-45°C to 85°C	Storage Temperature (°C):

Regulatory Compliance	
Compliant	RoHS 2015:
Compliant	Reach 224:
View	Certificate of Conformance:

Product Details

- 10GBASE-T (10GigE) Ethernet Interface, 10X Faster than GigE
 - 7.0 to 24.0 Megapixel Sony 4th Gen Pregius S Sensors
 - Fully Compatible with Pixelink Capture Software and SDK
- Pixelink PL-X 10GigE Cameras, utilizing the latest 10GBASE-T Gigabit Ethernet interface, are capable of providing high quality, reliable image transfers at cable lengths of up to 100m on CAT6A. These global shutter cameras offer up to 24MP Resolution with framerates up to 154FPS via the Sony Pregius 2nd, 3rd and 4th generation sensors. Additionally, these cameras feature Power over Ethernet (PoE), Trigger over Ethernet (ToE) and IEEE1588 clock synchronization (PTP), and are fully compatible with Pixelink Capture Software and SDK. Pixelink PL-X10GigE Cameras are ideal for three-dimensional mapping, analytical research, AR/VR applications, as well as automated inspection and life science imaging.
- Note:** Pixelink Capture is a free, user-friendly application included with all Pixelink cameras, offering real-time image and video capture through an intuitive graphical interface. In contrast, the Pixelink SDK is a comprehensive development toolkit for Windows and Linux that enables developers to build custom applications with full camera control via C/C++, .NET, or Python. The SDK is available as a trial download, allowing users to evaluate its capabilities before purchasing a license. Links to software downloads (SDK and Capture) are available on the product pages.