

Physical & Mechanical Properties	
80.88 x 54.01 (excludes lens mount)	Dimensions (mm):
218.5	Weight (g):
Full	Housing:
Sensor	
Not Specified	Image Buffer:
1"	Sensor Format:
8.85	Resolution (Megapixels):
45.20	Frame Rate (fps):
4,096 x 2,160	Pixels (H x V):
3.45 x 3.45	Pixel Size, H x V (µm):
14.1 x 7.5	Sensing Area, H x V (mm):
Sony IMX255	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
8/12 bit	Pixel Depth:
Not Specified	Exposure Time:
70	Dynamic Range (dB):
USB3 Vision	Machine Vision Standard:
Electrical	
Not Specified	Power Consumption (W):
Hardware & Interface Connectivity	
USB 3.0	Interface:
USB 3.0, Micro-B	Connector:
Power over USB	Power Supply:
None	GPIOs:
Software Trigger	Synchronization:
Back Panel	Interface Port Orientation:
None	GPIO Connector Type:
Threading & Mounting	
C-Mount	Mount:
No Mounting Threads/Tripod Adapter	Mounting Threads:
Environmental & Durability Factors	
0 to +50	Operating Temperature (°C):
-45 to +85	Storage Temperature (°C):
Regulatory Compliance	
Compliant	RoHS 2015:

Compliant	Reach 224:
View	Certificate of Conformance:

Product Details

- High Resolution Sensors up to 20 MegaPixel
- Pixelink® Capture Software Included
- Compact Form Factor
- Optional Three-Tier µScope Microscopy Software

Pixelink® M-Series Microscopy Cameras provide cost-effective, high-resolution imaging capabilities for both brightfield and darkfield microscopy. These cameras are designed to capture high resolution images at up to 20MP and are available with various sensor sizes and frame rates. These cameras include a USB 3.0 cable and Pixelink® Capture Software, making it easy to integrate into existing microscopy systems in a variety of laboratory settings. The optional three-tier µScope Microscopy Software (Essentials, Standard, Professional) offers advanced microscopy targeted features and measurement tools such as live measurement, time lapse capture, and live image comparison. Pixelink® M-Series Microscopy Cameras are ideal for demanding applications requiring high resolution and low noise imaging including life science, metrology, and medical imaging.

Note:Pixelink® Capture Software available for download. USB 3.0 cable included.