

Pixelink M-Series M5DM-CYL Microscopy Monochrome Camera



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S\$3,024^{.00}

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Monochrome		Spectrum:
General		
Monochrome Microscopy Camera		Type:
M5DM-CYL		Model Number:
Pixelink		Manufacturer:
M-Series		Camera Series:

Physical & Mechanical Properties

Dimensions (mm):	
82.69 x 54.01 (excludes lens mount)	
Weight (g):	
218.5	
Housing:	
Full	

Sensor

Image Buffer:	
Not Specified	
Sensor Format:	
2/3"	
Resolution (Megapixels):	
5.00	
Frame Rate (fps):	
79.80	
Pixels (H x V):	
2,448 x 2,048	
Pixel Size, H x V (µm):	
3.45 x 3.45	
Sensing Area, H x V (mm):	
8.4 x 7.1	
Imaging Sensor:	
Sony IMX250	
Type of Sensor:	
Progressive Scan CMOS	
Shutter Type:	
Global	
Pixel Depth:	
8/12 bit	
Exposure Time:	
Not Specified	
Dynamic Range (dB):	
70	
Machine Vision Standard:	
USB3 Vision	

Electrical

Power Consumption (W):	
Not Specified	

Hardware & Interface Connectivity

Interface:	
USB 3.0	
Connector:	
USB 3.0, Micro-B	
Power Supply:	
Power over USB	
GPIOs:	
None	
Synchronization:	
Software Trigger	
Interface Port Orientation:	
Back Panel	
GPIO Connector Type:	
None	

Threading & Mounting

Mount:	
C-Mount	
Mounting Threads:	
No Mounting Threads/Tripod Adapter	

Environmental & Durability Factors

Operating Temperature (°C):	
0 to +50	
Storage Temperature (°C):	
-45 to +85	

Regulatory Compliance

RoHS 2015:	
Compliant	

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.