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Pixelink M-Series M5DM-CYL Microscopy Monochrome Camera



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⊖ 1 ⊕ S\$3,024⁰⁰

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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

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.
