

## Pixelink M-Series M12BM-CYL Microscopy Monochrome Camera



Stock #17-810 **1 In Stock**

⊖ 1 ⊕ €3.130<sup>00</sup>

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### Volume Pricing

Qty 1+	€3.130,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

Monochrome

Spectrum:

### General

Monochrome Microscopy Camera

Type:

M12BM-CYL

Model Number:

Pixelink

Manufacturer:

Camera Series:

## Physical & Mechanical Properties

**Dimensions (mm):**  
80.88 x 54.01 (excludes lens mount)

**Weight (g):**  
218.5

**Housing:**  
Full

## Sensor

**Image Buffer:**  
Not Specified

**Sensor Format:**  
1.1"

**Resolution (Megapixels):**  
12.30

**Frame Rate (fps):**  
23.40

**Pixels (H x V):**  
4,096 x 3,000

**Pixel Size, H x V (µm):**  
3.45 x 3.45

**Sensing Area, H x V (mm):**  
14.1 x 10.4

**Imaging Sensor:**  
Sony IMX304

**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.

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