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# Pixelink M-Series

# Camera



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€1.510<sup>,00</sup>

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### Product Downloads

Spec Sheets:pdf

EO Spec Sheet [Download All](#)

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

Spectrum: Color

## General

Type: Color Microscopy Camera

Model Number: M18C-CYL

Manufacturer: Pixelink

Camera Series: M-Series

## Physical & Mechanical Properties

Dimensions (mm): 80.59 x 54.01 (excludes lens mount)

Weight (g): 218.5

Housing: Full

## Sensor

Image Buffer: Not Specified

Sensor Format: 1/2.3"

Resolution (Megapixels): 18.00

Frame Rate (fps): 14.00

Pixels (H x V): 4,912 x 3,680

Pixel Size, H x V (µm): 1.25 x 1.25

Sensing Area, H x V (mm): 6.1 x 4.6

Imaging Sensor: ON Semi AR1820

Type of Sensor: Progressive Scan CMOS

Shutter Type: Rolling

Pixel Depth: 8/12 bit

Exposure Time: Not Specified

Dynamic Range (dB): 60.5

Machine Vision Standard: USB3 Vision

## Electrical

**Power Consumption (W):** Not Specified

## Hardware & Interface Connections

**Interface:** USB 3.0

**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**

**Reach 224:** **Compliant**

**Certificate of Conformance:** **View**

## 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.

## Accessories

**Note:** Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

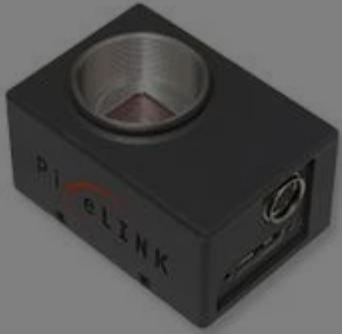
	Title	Compare	Stock Number	Price	Buy
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<a href="#">MORE+</a>	Pixelink µScope Professional Microscopy Software		#89-851	€1.510,00 <a href="#">Request Quote</a>	1 In Stock <input type="text" value="1"/>
<a href="#">MORE+</a>	Pixelink SDK Version 4		#58-179	€650,00 <a href="#">Request Quote</a>	1 In Stock <input type="text" value="1"/>

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<a href="#">MORE+</a>	Type-A to Micro-B, USB 3.0 Locking Cable, 2		#89-403	€64,00	2 In Stock <input type="text" value="1"/>
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Pixelink® USB 3.0 Cameras



Mitutoyo FS70 Inspection Microscope



Olympus SZ51 and SZ61 Zoom Stereo Microscopes



High Resolution Microscopy Slide Targets

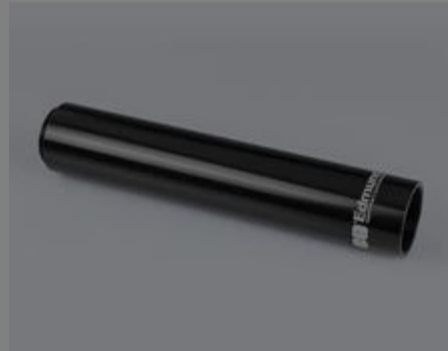
## Frequently Purchased Together



#54-428 - MT-4 Accessory Tube Lens  
€865,00



#56-985 - 3X Mitutoyo Telecentric Objective  
€1.465,00



#56-992 - Mitutoyo to C-mount Camera 152.5mm Extension Tube  
€199,00



#58-432 - 4.0X SilverTL™ Telecentric Lens  
€1.390,00

## Resources

### Media Type

- Application Note
- Video
- Published Article
- FAQ
- Glossary
- Technical Tool

APPLICATION NOTE

Sensor Performance and Limitations

APPLICATION NOTE

Imaging Electronics 101: Basics of Digital...

APPLICATION NOTE

Imaging Electronics 101: Camera Resolution for...

APPLICATION NOTE

VIDEO

PUBLISHED ARTICLE

Imaging  
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