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## Pixelink M-Series M12BC-CYL Microscopy Color Camera



Stock #17-809 [CONTACT US](#)

S\$4,382<sup>00</sup>

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### Product Downloads

Color Spectrum:

### General

Color Microscopy Camera	<b>Type:</b>
M12BC-CYL	<b>Model Number:</b>
Pixelink	<b>Manufacturer:</b>
M-Series	<b>Camera Series:</b>

## Physical & Mechanical Properties

80.88 x 54.01 (excludes lens mount)

**Dimensions (mm):**

218.5

**Weight (g):**

Full

**Housing:**

## Sensor

Not Specified

**Image Buffer:**

1.1"

**Sensor Format:**

12.30

**Resolution (Megapixels):**

23.40

**Frame Rate (fps):**

4,096 x 3,000

**Pixels (H x V):**

3.45 x 3.45

**Pixel Size, H x V (µm):**

14.1 x 10.4

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

Sony IMX304

**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:**

## 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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