

Monochrome Opto IM Compact M Digital Microscope Module



Opto IM Compact M Digital Microscope Module

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1

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€10.980⁰⁰

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Product Downloads

General	
IC10-05O23MJ3101	Model Number:
Monochrome	Type:
Coaxial + Ring	Type of Illumination:
3m USB 3.1 Cable Included	Note:

Physical & Mechanical Properties	
2.3 x 1.9	Field of View (mm):
175 x 80 x 40	Dimensions (mm):
700	Weight (g):
Optical Properties	
17.50	Working Distance (mm):
Sensor	
36.00	Frame Rate (fps):
IMX264	Imaging Sensor:
5.01	Resolution (Megapixels):
12 bit	Pixel Depth:
2,456 x 2,054	Pixels (H x V):
Global	Shutter Type:
11.05	Sensor (mm):
Hardware & Interface Connectivity	
USB 3.1 Gen.1, Type C	Connector:
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- Digital Microscope with Integrated Optics, Color or Monochrome Camera, and Illumination
 - Plug & Play USB3.1 Interface
 - Image Capture Software and SDK Included
 - [Calibration](#) and [Particle](#) Targets Available
- Opto IM Compact M Digital Microscope Modules are a compact, easy to use, complete microscope system that includes high resolution optics, an IMX264 5MP Camera, and illumination all enclosed in an aluminum housing. With no additional objectives required, these modules are easy to set up, portable, and feature a USB 3.1 interface allowing for simple configuration without compromising on performance. These 90° angled reflected light digital microscope modules feature coaxial incident light and diffuse ring light LED illumination. Opto IM Compact M Digital Microscope Modules include the OptoViewer 2.0 software for camera and light control as well as simple measurement and documentation tasks. These digital microscope modules are ideal for quality and metrology labs, in-process inspection, and applications requiring measurement, analysis, and documentation.
- Note:** Each unit includes a 3m USB3 cable.
- Optical calibration and resolution testing can be achieved with the optional [Calibration Target Micro V1](#) with four unique quadrants that combine resolution targets with measurement scales, and the [Particle Standard Target](#) which allows the measurement and analysis through objects of different forms and sizes or of resolution in line pairs per mm.