

Color Opto IM Profile M Digital Microscope Module



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MRP ₹6,93,486

Price inclusive of all taxes

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Product Downloads

General	
IP10-08X03CU5101	Model Number:
Color camera	Type:
Transmitted light 4000K	Type of Illumination:
3m USB 3.1 Cable Included	Note:

Physical & Mechanical Properties

0.42 x 0.35	Field of View (mm):
193 x 140 x 40	Dimensions (mm):
1400	Weight (g):

Optical Properties

20x	Magnification:
3.6	Working Distance (mm):
900	Resolution (lp/mm):

Sensor

36.00	Frame Rate (fps):
IMX264	Imaging Sensor:
5.04	Resolution (Megapixels):
8/10/12 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:
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Regulatory Compliance

View	Certificate of Conformance:
Germany	Country of Origin:
Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000	Imported By:

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 Profile MDigital Microscope Modules are a compact, easy to use, complete microscope system that comes equipped with a system magnification of 20X, an IMX264 5MP Camera, and transmitted 4000K white light illumination all enclosed in an aluminum housing. With no additional objectives required, these U-shaped modules are easy to set up, portable, and feature a USB 3.1 interface allowing for simple configuration without compromising on performance. Opto IM Profile MDigital Microscope Modules include the OptoViewer 2.0 software for precise camera and light control as well as simple measurement and documentation tasks. These digital microscope modules are ideal for imaging flow cytometry and pathology applications, as well as a host of quality, metrology, and R&D applications.
- 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.