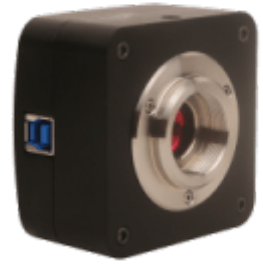


TCA1000-C Color Camera Microscope TCAC C - mount 10MP

Product Details

Manufacturer: Colo Lab Experts

COLO CODE: TCA1000C



Technical Specification

TCA100C Color Digital Microscope Camera is standard C-Mount camera with Sony sensors of 10MP.

Overview:

- Measurement functions, photography, video recording data storage
- Software: COLO smart cell image processing
- High-quality software with user-friendly menu.
- Software compatible with: Win11 pro, Linux, and Mac OSX.
- Software equipped with advanced capabilities for processing, editing, stitching, and EDF.
- Software allows for making notes, shapes, precise measurements, and watermark.
- Used with standard C-Mount.
- Connection with standard USB 3.1 for easy connection to computer.
- Sensor: Color CMOS
- Sensor type: MT9J001
- Sensor size: 1/2.3"
- Resolution max: 2592X1944 px photography
- Resolution max: 1920x1080 px (HDMI, WLAN, on PC)
- Adaptor: 0.5X C-mount
- Pixel size: 2.4µm×2.4µm
- Optical port: C-mount
- Exposure time: 1ms-0.3s
- S/N ratio: 40.5dB
- RGB: 8bit
- Speed: 45fps min res 3088×2076, 60fps min res 1920x1080
- High/low speed Preview: YES
- Dynamic Range: >66.5dB
- Wavelength (nm): 400-650nm (IR-Cut added)
- Exposure: ERS (Electronic Rolling Shutter)
- White Balance: Automatic / Advanced Manual
- Sensor format: Progressive
- Auto-exposure: Automatic / Advanced Manual
- Image Output: USB3.1 480Mb/s
- Power Supply: USB3.1 5V 500mA
- USB Cable as a standard
- Optional Accessories: adaptors (Φ23.2 to Φ30, Φ23.2 to Φ30.50, one each) TS-M1 stage micrometer

Optional Accessories