NEW

Integrated software with touch user interface

HD tablet with integrated 4K camera for convenient monitoring and professional digital documentation of the sample

Features

- The KERN ODC 251 microscope tablet camera consists of an Android tablet with a 10.5" HD display in combination with an 8 MP camera. It is intuitive to use and is suitable for all trinocular microscopes with a C-mount adapter
- The KERN tablet cameras have been specially developed for simple, direct monitoring of samples on the screen, whether used in the laboratory, in quality testing or in training and studying
- The integrated high-performance camera has an 8 MP image sensor with a sensor size of 1/1.8" and is able to record videos with a resolution of 4K. In this way, as well a live transfer of the image to the Android table, high-resolution images and videos can also be created for the documentation. Measuring functions, such as, for example, functions for measuring distance, surfaces and angles are also available

- Automatic white balance and automatic contrast adjustment can be performed quickly and easily, which enables efficient working procedures
- A range of additional functions are provided through the integrated interfaces, such as, for example
  - Data storage on a USB stick
  - Connection to a USB mouse
  - Transfer of the live image to an external screen using HDMI
  - Transfer of stored data to external receivers using WiFi or LAN
- The delivery includes the tablet camera with pre-installed measuring software, the power supply, a calibration slide as well as user instructions

Scope of application

- Goods inwards inspection
- Quality control
- Repair and Service
- Laboratories
- Training and study

Technical data

- 10,5" LCD-Touchscreen
- Screen resolution: pixels 1920×1280
- CPU: Quad Core Cortex-A17; 1,8 GHz
- Overall dimensions W×D×H 237×169×57 mm
- Net weight approx. 0,80 kg

Note: Cannot be combined with the following microscopes: OZM-5, OLM 170

STANDARD

| USB 2.0 | USB 3.0 | BT | WIFI | HDMI | LAN | 230 V | 1 DAY |
| 1× | 2× | | | | | | |

Model	Resolution camera	Interfaces	FPS	Sensor	Sensor size	Supported operating system
KERN						
ODC 251	8 MP 4 K	Ethernet, Bluetooth, WLAN, USB 2.0, USB 3.0, HDMI	30 FPS	CMOS	1/1,8"	Android

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