



Trinocular Stereo Zoom Microscope with Upgradable Tablet-Integrated Digital Head



Technical Specifications

Stereo zoom microscope with a trinocular head, upgradeable with a tablet-integrated digital attachment for advanced digital imaging

Observation Tube: Siedentopf trinocular head, inclined at 35°, rotatable 360°, with an interpupillary distance of 48–75 mm. Eyepiece tube diameter: 30mm

Eyepiece: WF10x/22 mm, high eyepoint, adjustable diopter

Zoom Lens: 0.68–4.7x, Zoom ratio 1:6.8

Zoom Knob: Equipped with magnification stop pin

Magnification: 6.8x – 47x (Expandable to 3.4x – 94x with optional auxiliary lens)

Working Distance (W.D.): 108 mm with standard 1x lens

Stand: Large track stand, base 33 × 30 cm, focusing range 80 mm

Illumination: Upper/Lower 3 W LED, powered by safety low-voltage charger

Upgradeable with Tablet-Integrated Attachment Fixed on Trinocular Port (Optional)

Patented detachable digital attachment with optical components (Prisms, eyepieces, etc.); Internal magnification 10x / 20 F.N.

Allows simultaneous viewing through binocular eyepieces and on tablet display

TrueView™ technology enables 100% circular field-of-view capture via the tablet camera

Display Options: Tablet (iOS) with 11-inch display, 12MP camera (3024 × 4032 image capture, 4K video at 3840 × 2160), and 128 GB storage

Note: This Device is Compatible with all iOS Tablets

Pre-installed application with the following features

Capture & Record: Digital zoom (up to 5x), Image capture, and video recording

Image Control: Adjust exposure, brightness, contrast, saturation, and temperature

Analysis Tools: Micrometry (linear & circular measurements in microns), annotations, text, addition, free-hand marking, and a pointer for demonstration

Data & Access: Data management, local desktop sync, and report printing with evidence

Optional accessories:

Auxiliary lens:

- 0.5X Achromatic objective, WD=189mm
- 0.75X Achromatic objective, WD=128mm
- 2X Plan Achromatic objective, WD=36mm

Camera options:

- CILIKA-CAM-5.0-35GC / Cilika- CAM-8.0- 30RC / CILIKA-CAM-10.3 COOL / Cilika- CAM-8.3- 30RC / Cilika- CAM-12- 30RC
- Cilika View software: Camera control, calibration, measurement, and image analysis

WireFreeCast:

- Wireless HDMI dongle for lag-free real-time casting to a projector or LCD screen

WANT A DEMO
OR QUOTE



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