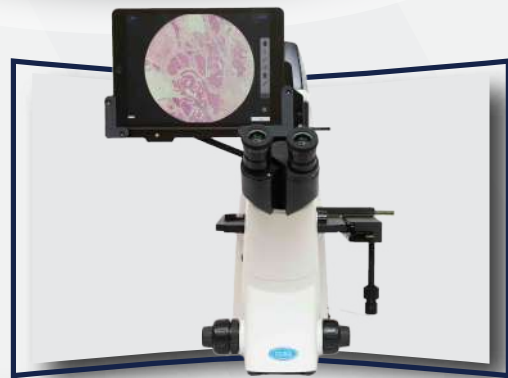
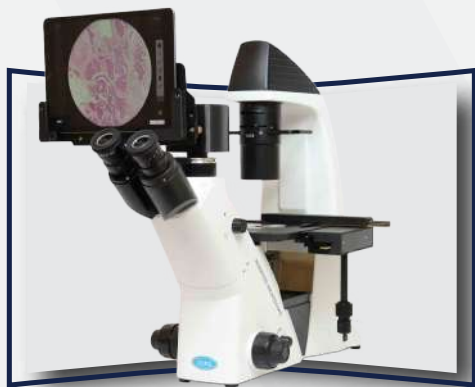


Cilika BT-Invi

(Trinocular inverted microscope upgradable with digital attachment for tablet/smartphone compatibility)



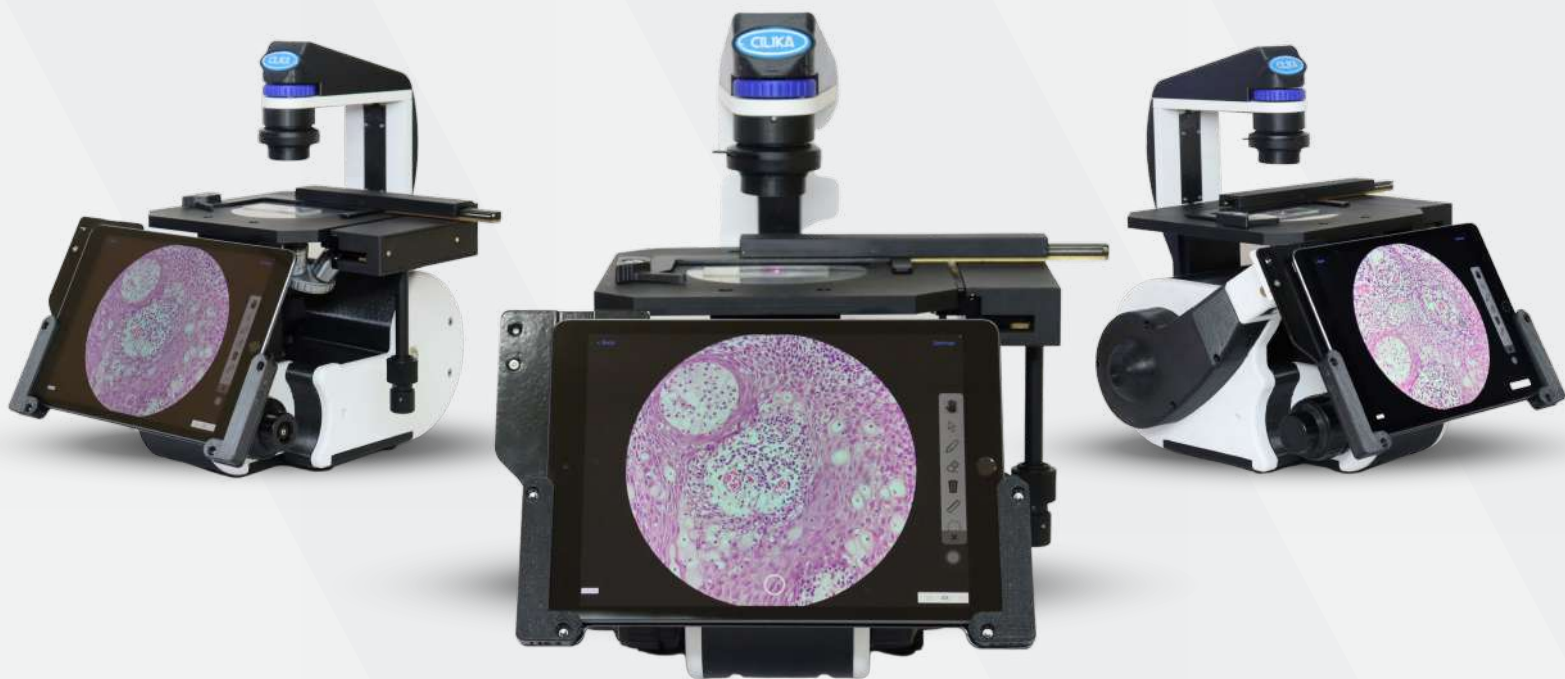
FEATURES

- Head: Siedentop Trinocular Head Inclined 45°
- Eyepiece: WF 10 x/ 22 mm, Dia 30 mm, High Eyepoint, Diopter Adjustable
- Nosepiece: Quintuple
- Objectives: Infinity plan Phase Contrast LWD, 10 x 20 x 40 x
- Phase contrast annular spot 10x/20x/40x.
- Working: Stage Mechanical Stage Size 210 x 241 mm, Round Slide Size Φ 110 mm
- Culture Dish Holder 54 mm
- Attachable Mechanical Stage For 96 Holes Plate Moving Range 128 x 80 mm
- Condenser: Long Working Distance, Quickly Detachable, N.A.O.3 Working Distance 72 mm (With Condenser), 195 mm (Without Condenser)
- Transmit Illumination Koehler Illumination 3 Watt LED, Input Voltage 100 V~ 240 V
- Warranty: 1 Year
- **Optional Accessories:**
 - **Camera:** Cilika View 10.3 MP, Sony IMX294
 - USB3.0, Pixel size: 4.63 μ m x 4.63 μ m
 - Sensor size: 4/3"
 - Frame rate:30.2fps@4128x2808, 38.5 fps@4096x2160
 - 69.5 fps@2048x1080, 96.1fps@1360x720
 - G Sensitivity DarkSignal 419mv with 1/30s
 - 0.12mv with 1/30s
 - Rolling shutter; Exposure 0.15ms~3600s
 - **Cilika View Software:** Camera control, calibration, and measurement, Image analysis etc.
 - **Tablet attachment:** Smartphone/Tablet integrated attachment fixed over trinocular port making it compatible with any smartphone/tablet with high quality optics.
 - Tablet with maximum camera resolution of atleast 3264 x 2448 pixels and 10.2" display with 1620 x 2160 pixels resolution 2 GB RAM, 64 GB ROM
 - Full HD video capture at 1920 x 1080 pixels
 - **Fluorescent attachment:** Reflect Fluorescent 5W LED Lamp House, 5W LED Power Box
 - Fluorescent Two filters: B/G
 - Fluorescent Four filters: B/G/V/UV
 - Wireless HDMI dongle for lag free real time casting to projector or LCD screen

CILIKA[®]

Cilika Digi-Invi

Inverted brightfield digital microscope with integrated tablet display



A Product By **medprime[®]** Technologies Pvt. Ltd.

FEATURES

- Inverted bright field, digital microscope with inbuilt integrated tablet display (no eyepiece/ no optional binocular head can be used), with research grade optics.
- Patented microscope with Internal magnification 10X/FN20.
- **TrueView technology for capture of 100% circular field of view through the tablet camera;** Captured field of view: diameter 5 mm with 4x objective, 2 mm with 10x objective, 0.5 mm with 40x objective and 0.2 mm with 100x objective.
- Nosepiece: Quadruple, High Precision Inner Position Stop Click
- LWD Infinity Plan objectives:
 - L Plan 10x/0.25 W.D.=10.3mm
 - L Plan 20x/0.45 W.D.=5.8 mm
 - L Plan 40x/0.65 W.D.=5.1mm
- Working Stage: Mechanical Stage Size 210x241mm, Round Slide Size diameter 110mm
- Culture Dish Holder 54mm
- **Condenser:** long working distance, N.A.0.3
- Transmit Illumination: Illumination LED 3W, Input Voltage 5 V
- Inbuilt battery backup up to 6 Hrs.
- **Display options:**
 - Tablet (iOS) with maximum camera resolution of 3264x2448 pixels and 10.2” display with 1620x2160 pixels resolution; 2GB RAM, 64 GB ROM (Full HD video capture at 1920x1080 pixels)
 - iOS display with Maximum camera resolution of pixel 3024 x 4032 and 10.9” display with 2360x1640-pixels resolution; 64 GB ROM (Ultra HD video capture at 3840 x 2160 pixels)
- **Pre-installed application with following features:**
 - Report printing with images
 - Local syncing of images at desktop
 - Data management
 - Image capturing, Video recording
 - Exposure, brightness, saturation, temperature, and contrast control
 - Micrometry – linear and circular measurements in microns
 - Annotations and text addition
 - Free hand marking and pointer for demonstration.
- Warranty- 1 year

CILIKA[®]

Cilika Digi-Invi (S)

Inverted brightfield digital microscope with integrated Smartphone display



A Product By **medprime[®]** Technologies Pvt. Ltd.

FEATURES

- > Inverted bright field, digital microscope with inbuilt integrated smartphone display (no eyepiece/ no optional binocular head can be used), with research grade optics.
- > Patented microscope with Internal magnification 10X/FN20.
- > **TrueView technology for capture of 100% circular field of view through the smartphone camera;**
Captured field of view: diameter 5 mm with 4x objective, 2 mm with 10x objective, 0.5 mm with 40x objective and 0.2 mm with 100x objective.
- > Single objective lens.
- > Infinity Plan objectives (Option to choose any one from the following)
 - L Plan 4x/0.11 W.D.=12.1mm
 - L Plan 10x/0.25 W.D.=10.3mm
 - L Plan 20x/0.45 W.D.=5.8 mm
 - L Plan 40x/0.65 W.D.=5.1mm
- > Working Stage:
 - Mechanical Stage without XY motion, Size 140x227mm.
 - Optional: Mechanical Stage without XY motion for 75*25 mm glass slide, size 100x127mm, travel range 65x30mm
- > **Condenser:** N.A.0.3
- > Transmit Illumination: Koehler Illumination LED 1W, Input Voltage 5V
Inbuilt battery backup up to 5 Hrs.
- > **Display options:** Any smartphone with side camera position.
- > Data sharing through Email, Bluetooth, Wifi, Telegram, Backup to Google Drive, Remote viewing for teleconsultation possible via Zoom, Teams, Google Meet, etc
- > **Pre-installed application with following features:**
 - Report printing with images
 - Local syncing of images at desktop, Data management
 - Image capturing, Video recording.
 - Exposure, brightness, saturation, temperature, and contrast control
 - Micrometry – linear and circular measurements in microns
 - Annotations and text addition
 - Free hand marking and pointer for demonstration.
- > Warranty- 1 year