KoPa®

INNOVATED FOR TOP BRAND MICROSCOPES
Create a Stunning Microscope Imaging System for You

https://www.ostec.com.cn/
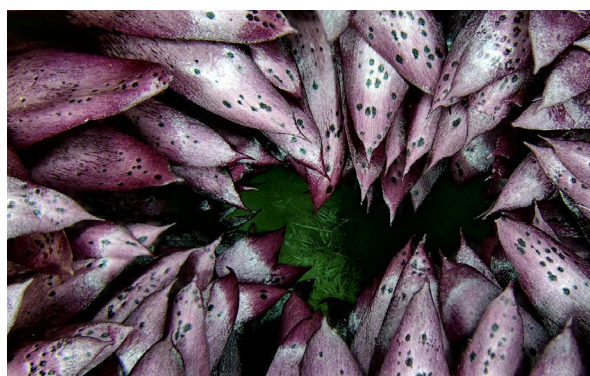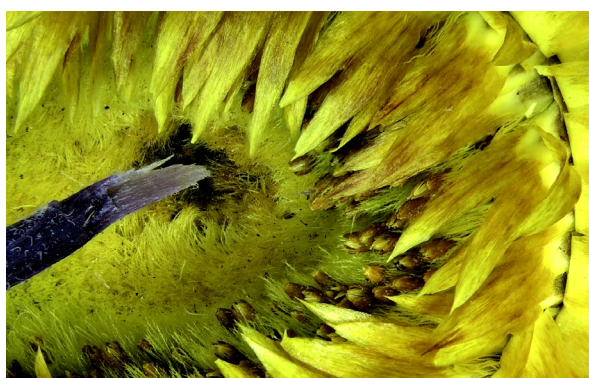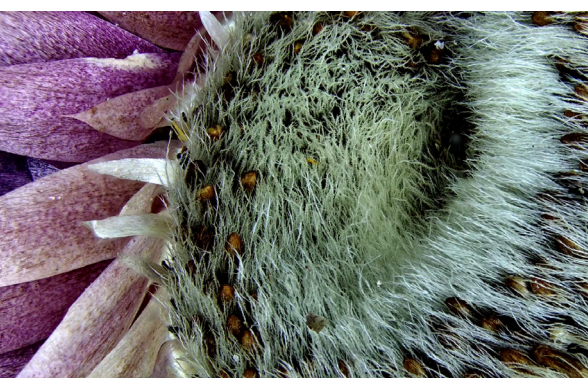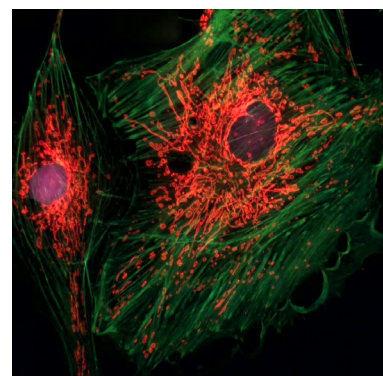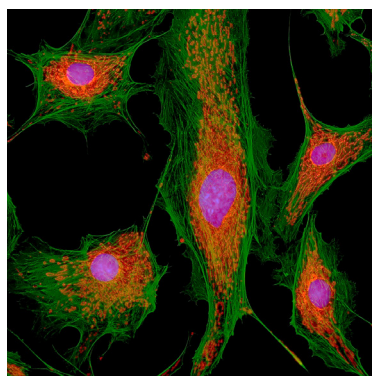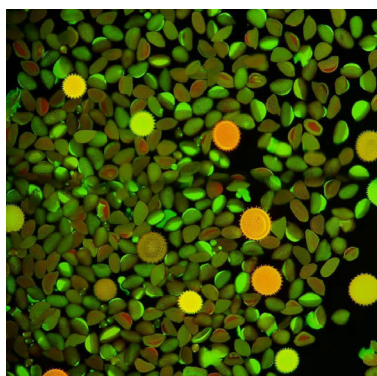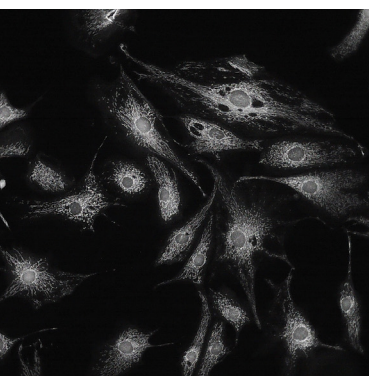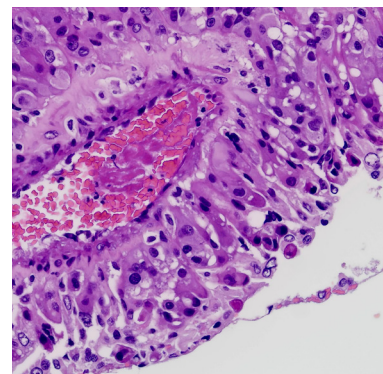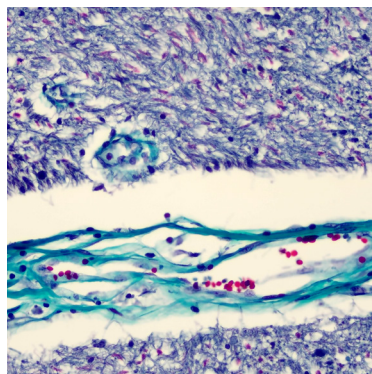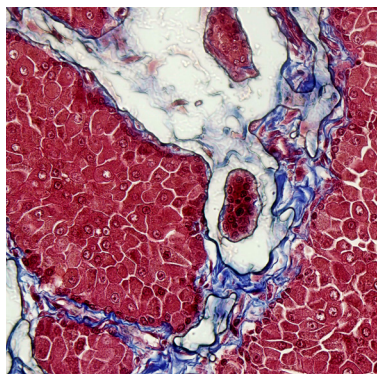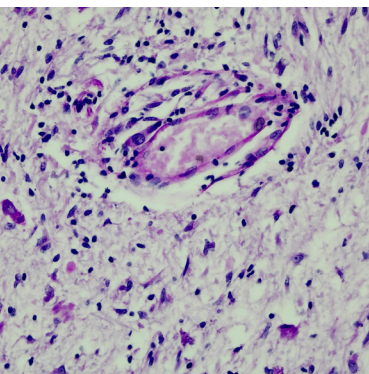
For Inverted Microscopes

Applicable Model:
Ti2

Dedicated camera(Color)
With 0.63X tube lens
(8.3MP)

Function

● Standard　○ Optional　− N/A

Built-in OSD	●
Pre-installed Office suits	−
15.6''high color gamut monitor	−
Image output methods	
5G WiFi	−
USB	●
HDMI	●
Network	●
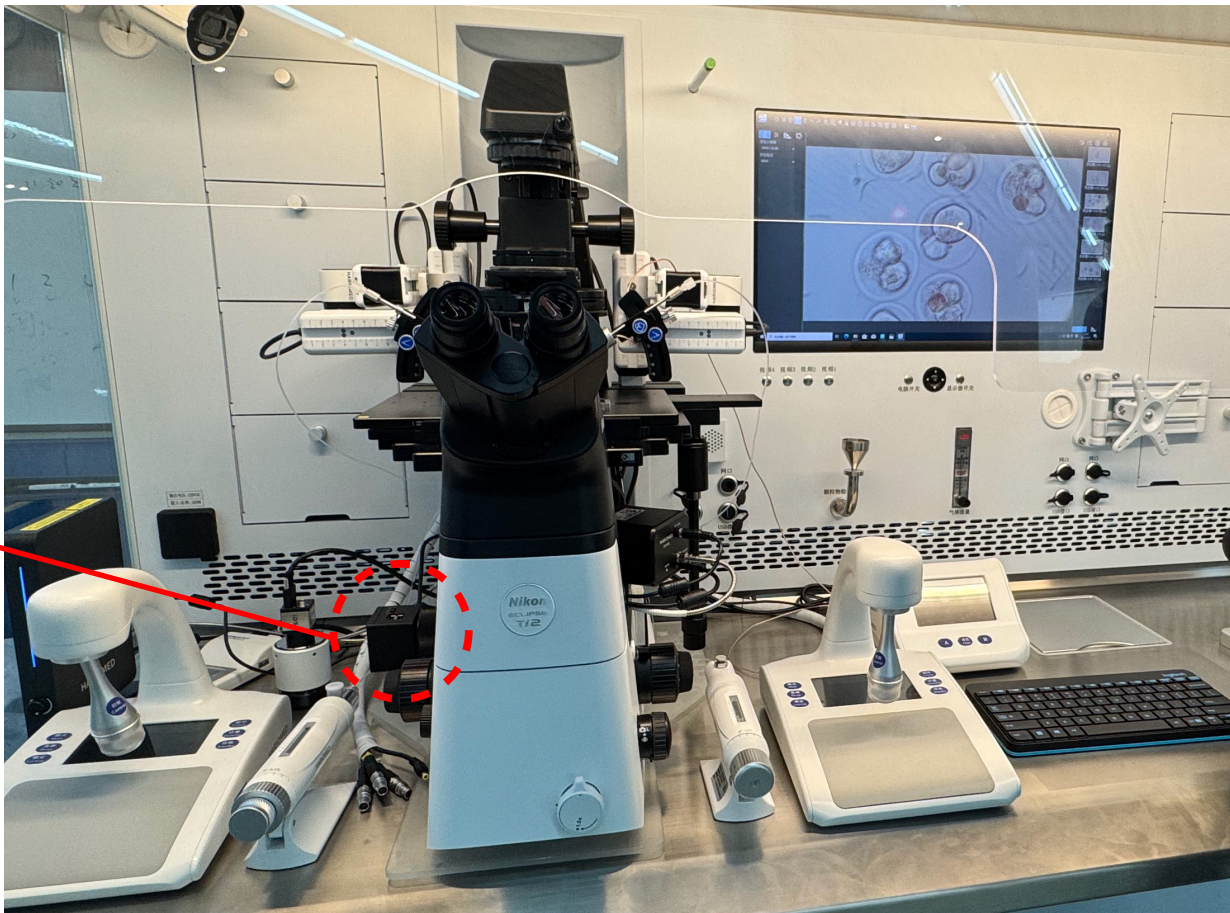
Key Product Features

- **Embedded Software:** Built-in KoPa View software (Linux-based OS) with HDMI output

- **Ultra HD Display:** True 4K resolution (3840×2160@60fps) across all interfaces; Compatible with USB/HDMI/Network outputs

- **Dedicated Imaging Modes:** Depth of field fusion & image stitching; Requires KoPa Capture Pro Windows software;

- **User-Friendly Operation:** Mouse/keyboard control support;Direct save to USB storage devices

- **Optical Integration:** Integrated 0.63X optical interface; Perfectly matched with Ti2 microscopes; Enables ultra-wide field of view observation

Dedicated image mode

- Optimized for Ti2 microscopy systems;
- Pre-configured professional imaging parameters;
- WYSIWYG (What You See Is What You Get) observation.

Multiple image output modes

Multi-Interface Output: Simultaneous USB + HDMI output ; Simultaneous Network + HDMI output.

USB output / Network output

Connect the computer via USB /network cable by using software" KoPa Capture Pro".

HDMI output

Connect the camera to a monitor or large TV via HDMI cable with OSD "KoPa View".

①	USB output/ power supply	USB: connect to computer, the computer can capture images through software; LAN: connect to the adapter, power supply to the camera, connect to the computer through the network cable to capture images.
②	HDMI output	OSD "KoPa View" is available for image control .etc
③	Network output	LAN: Connects to a computer via a network cable, suitable for wired long distance image transmission
④	USB2.0 interface	Can be connected to a mouse , keyboard, USB stick
⑤	USB/OFF/LAN working mode switching	USB: when the USB cable is connected to the computer, the image is captured through the software on the computer side; OFF: power off; LAN: the image is captured through the network cable connected to the computer

Specifications

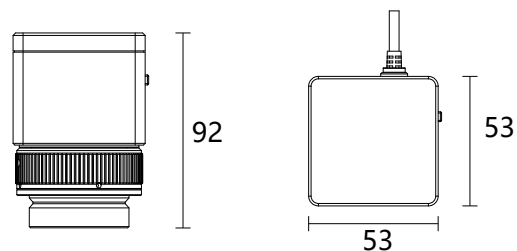|	
Models	MC2000-M
Category	AS-TI-08
Physical resolution	8.3MP
Image sensor	SONY IMX678 CMOS
Exposure mode	Rolling Shutter
Maximum resolution	3840×2160 (8,294,400Pixels)
ISO sensitivity	Equivalent to 100-12800
Sensor size	1/1.8''
Pixel size	2μm×2μm
Spectral response	400-650nm
Exposure capability	Real-time auto and manual adjustment
Exposure time	10μs-10s
White balance	Real-time auto and manual RB adjustment
Preview resolution	3840×2160@60fps
Power supply	DC 5V 2A
A/D convertsion bit depth	12bit
Tube lens	0.63X
Software and App	Windows Software: KoPa Capture Pro,Embedded software: KoPa View

Accessories

HDMI cable

USB mouse

16GB FAT-formatted
USB-drive

Dimensions(Unit:mm)

92

53

53