



Model Name: Touptek L3CMOS

Description: Scientific research grade C-Mount camera with Aptina CMOS sensor.

- On-board memory for perfect synchronization, higher frame rate and stable performance.
- High performance cooling structure ensures low image noise.
- Ultra-Fine™ color engine with perfect color reproduction capability
- Software with numerous specialized functions covering most application needs

Camera Specifications

	L3CMOS
Digital camera resolution	3,1 Megapixel
Signal output	USB 2.0 interface
Audio Signal	NO
Sensor Size	1/ 3" (4,505 x 3,38)
Sensor technology	CMOS Aptina AR0330(C)
Image format	16/9
Full image size	2048 x 1534
Pixel size	2,2x 2,2 micron
Frame rate full resolution	10 frames/sec (2048 x 1534)
Frame rate other resolution	40 frames/sec (1024 x 770)
External camera power	NO (powered over the USB cable)
C-Mount connection	YES
CS-Mount connection	NO

Accessories (included and optional)

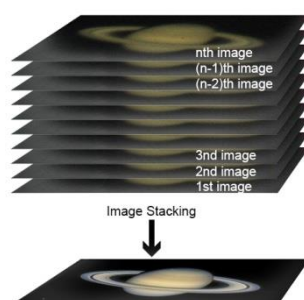
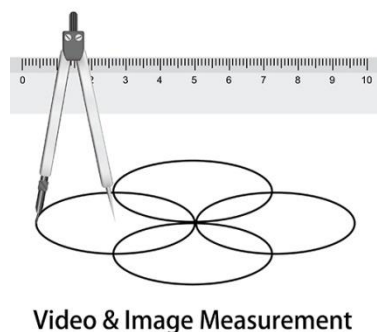
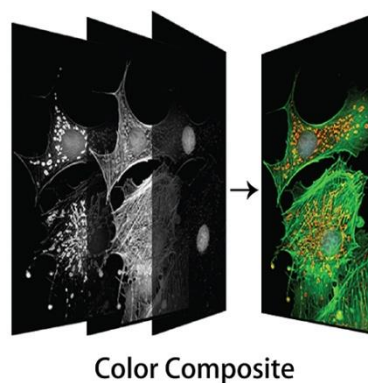
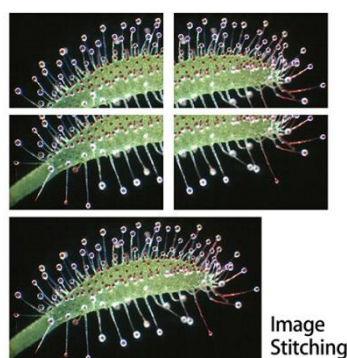
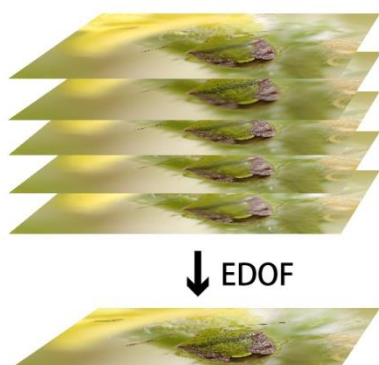
Optical adapters for Binocular & Monocular microscopes	Optional (C-Mount to 23, 30 and 30,5 mm are available)
Always Included	USB cable, Software on CD Rom, Online Manual (188 pages, English)

System Requirements

Operating system support	Windows XP/Vista/Win7/Win8 (32-64 bit) OSx (Mac OS X) Linux
PC requirements	CPU: Equal to intel Core 2.8 GHz or higher Memory: 2GB or more USB Port: 1 x USB port Display: 17" or larger CDROM

Software Specifications

Software Name	ToupView
Functionality (Full function support is supported only for Windows operating systems)	Control of Camera: exposure and gain control, manual or automatic exposure, low light compensation. Capture: Image and video capture capability Specialized Functions: EDOF (extended depth of field), Image Stitching, Measurements, Image Stacking, Colour Composite, Time-Lapse Image Capture, Segmentation and Counting
Language Support	German, English



Time-lapse microscopy

Physical Specifications

