

[illegible]

B-510BF4K



Carrying handle

4K

Obtain ultra high resolution images that outperform those obtained through the use of optical heads.



Biosite
MEDICAL INSTRUMENTS

MANILA 305 Col. Bonny Semano Ave. San Juan City, 5600 Metro Manila, Philippines	CEBU Block 2 lot 2 Guadalupe Heights Village, Guadalupe, 6000 Cebu City, Philippines	DAVAO 555 Mangas II, Juna Subd., Matina, 8000 Davao City, Philippines	E-mail Address customerservice@biosteph.com Customer Care Hotline: Sales Department: 09171115008 Technical Services Department: 0917111541
---	--	---	--

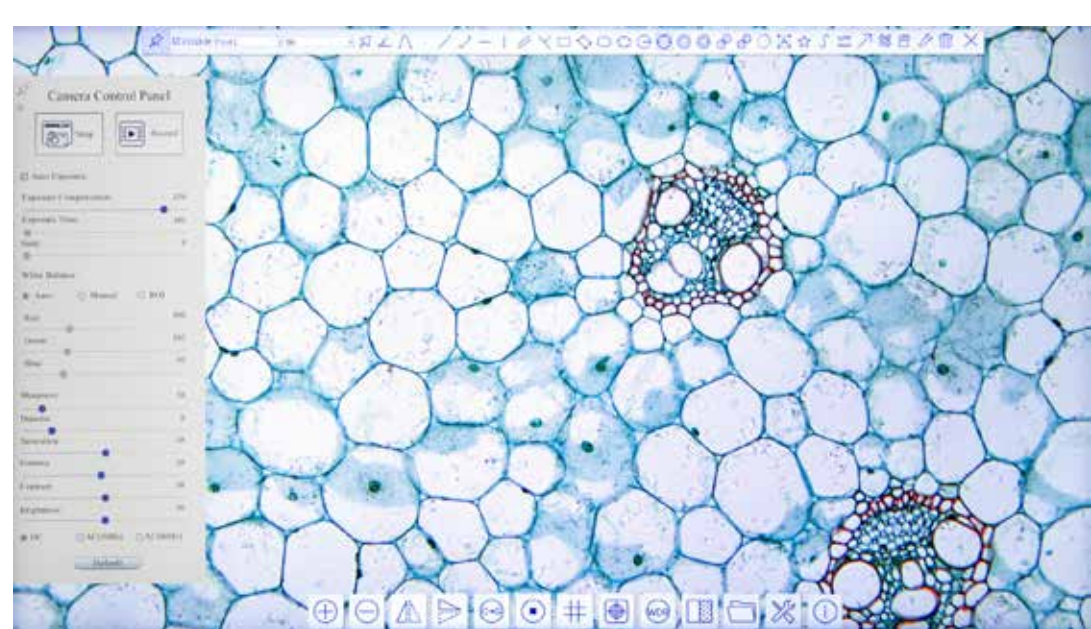
[@customerservice@biosteph.com](mailto:customerservice@biosteph.com)
www.biosteph.com
www.bioimedicalinstrumentinc.com



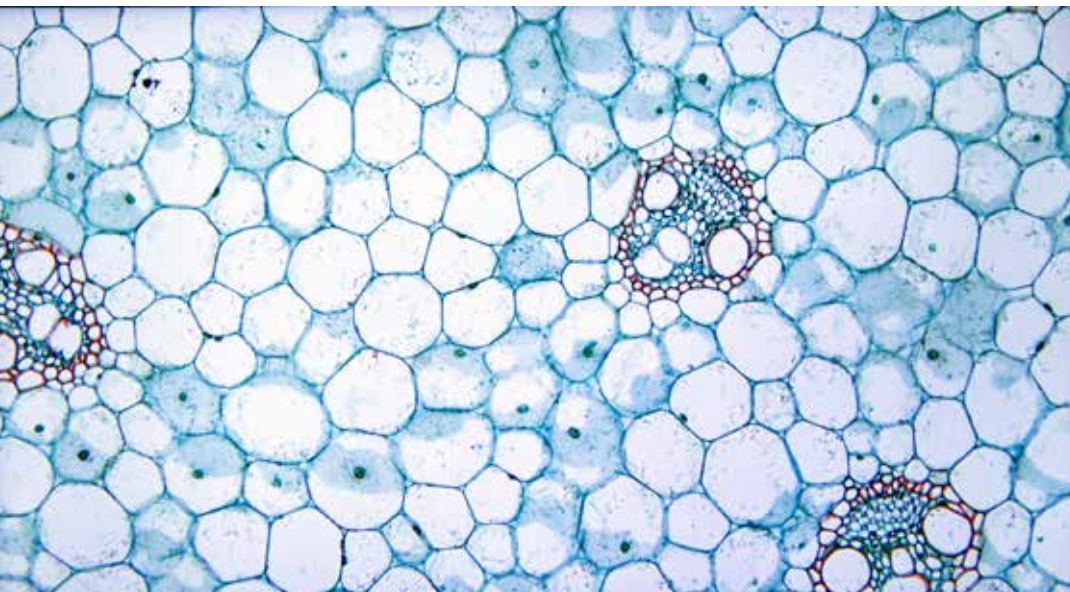
IOS W-PLAN Objectives

Infinity Corrected Optics (IOS) providing the best cost-effective choice for high contrast and resolution, matching all the requirements of labs requiring good quality routine objectives. Designed to ensure field flatness up to FN. 22.

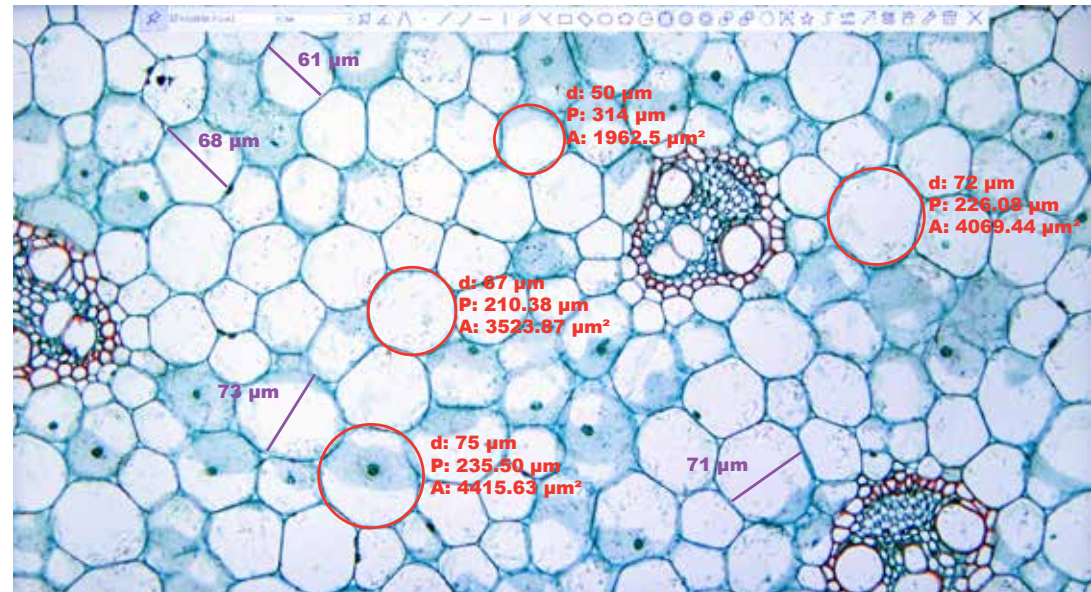
Perform a proper setting of the Kohler illumination, through the field diaphragm to have the specimen perfectly illuminated, contrast enhancement and resolution of your image.



Camera Control Panel and User Interface



Real image as shown on the 4K screen



Measurements



Biosite
MEDICAL INSTRUMENTS

MANILA
Customer Care Hotline:
Technical Services Department: 09171114008
Sales Department: 09171115008
Email Address: customerservice@biositeph.com

© customerservice@biositeph.com © biositeph.com © biositeph.com

B-510BF4K - Technical Datasheet

General

Observation Methods	Brightfield
Head	Digital Ultra HD resolution with 15.6" 4K Screen
Nosepiece	Quintuple, reversed
Objectives	IOS W-PLAN 4x, 10x, 40x, 100x (oil)
Stage	Rackless, mechanical, 233x147 mm, 78x54 mm movement range
Focusing	Coaxial coarse & fine (200μm/turn), upper stop, adjustable tension
Transmitted Illumination & Diaphragms	High-efficiency X-LED ³ (3.6 W), manual brightness control. Kohler illumination system with field diaphragm
Condenser	N.A. 0.2/0.9, swing-out, sliding-in and with centering system

Digital Head

Screen	15.6", 3480x2160 pixel
Camera, HDMI resolution	3480x2160 pixel
Camera, PC (USB) resolution	8Mp, 20fps
Camera live HDMI measurements	yes
Camera exposure	Auto/Manual
Camera white balance	Auto/Manual/ROI

Software - General

Languages	English, French, German, Italian, Japanese, Korean, Russian, Thai
-----------	---

Software - Image Acquisition

Still image multiple format saving	yes
Video recording multiple format saving	yes
Continous automatic exposure	yes
Manual exposure	yes
Color acquisition	yes
Gray-scale acquisition	yes
Numerical focus indicator	yes
Image enhancement	yes
Zoom	In/Out
Image comparison	yes
Browse of images and videos	yes
Picture in picture (PIP)	yes
Freeze image	yes
Flip	Horizontal/Vertical

Software - Image Processing

HDR (High Dynamic Range)	yes
Text overlay	yes
Ruler overlay	yes
Arrow overlay	yes
Measurements overlay	yes
Grids	yes

Software - Measurements

Live measurement	yes
Still image measurement	yes
Select measurement unit	yes
Available Measurements:	
Point	yes
Line	yes
3 points line	yes
3 points vertical line	yes
Angle	yes
4 points angle	yes
Parallel lines	yes
Rectangle	yes
3 points rectangle	yes
Ellipse	yes
5 points ellipse	yes
Circle (Center + Radius)	yes
Circle (3 points)	yes
2 Circle (Center + Radius)	yes
2 Circle (3 points)	yes
Annulus	yes
Annulus (3 points)	yes
Curve	yes
Arc	yes
Polygon	yes
Export to Excel	yes
Calibrational slide	included

Accessories

M-1049	IOS W-PLAN objective 2x/0.08	□
M-1125	IOS W-PLAN objective 4x/0.10	■
M-1126	IOS W-PLAN objective 10x/0.25	■
M-1127	IOS W-PLAN objective 20x/0.40	□
M-1128	IOS W-PLAN objective 40x/0.65	■
M-1129	IOS W-PLAN objective 60x/0.80	□
M-1130	IOS W-PLAN objective 100x/1.25 (oil)	■
M-005	Micrometric slide, 26x76mm, with 2 X scales (1mm/100div. for biological / 10mm/100div. for stereo)	■
15104	Cleaning kit	□
15008	Immersion oil, 10ml	■
VP-510	IQ/OQ/PQ Manual for B-510 series	□
DC-003	TNT dust cover, medium 600(l)x550(h) mm	■



Biosite
MEDICAL INSTRUMENTS

MANILA
305 Col. Stony Seamount Ave.
San Juan City, 1500
Marina Manila, Philippines

Customer Care Hotlines:
Technical Services Department: 09171114008
Sales Department: 09171115008
E-mail address:
customerservice@biositeph.com

Customer Care Department: 09171114008
Sales Department: 09171115008
E-mail address:
customerservice@biositeph.com

Customer Care Department: 09171114008
Sales Department: 09171115008
E-mail address:
customerservice@biositeph.com