

Motic®

MORE THAN MICROSCOPY

PANTHERA L
LIFE SCIENCES

If there's a word to define the Panthera L, it is Smart. It has been created to make your workflow easier, with the intent of it not being just another work tool, but a fellow worker to trust in. The Smart CAM digital head and its ImagingOnDevice System allows you to instantly capture what you are viewing with the tip of your finger. Work in FullHD through the HDMI port directly on a screen with the help of a mouse, or work with your Tablet and the Panthera App. Thanks to the QRlink system, you can send your live image to your tablet or smartphone by simply scanning the QR-code on the top of the Tubehead cover. You can also make a digital class by connecting the student's microscopes to the teacher's through the ethernet port. The possibilities are endless!



www.moticpanthera.com | www.moticeurope.com

COMPUTER-FREE MICROSCOPY AT YOUR FINGERTIPS



Smart CAM
digital head



Smart Microscope
ImagingOnDevice



Wi-Fi, USB,
HDMI, LAN



Integrated USB
for external devices



Motic LightTracer
smart illumination



LED light
intensity indicator



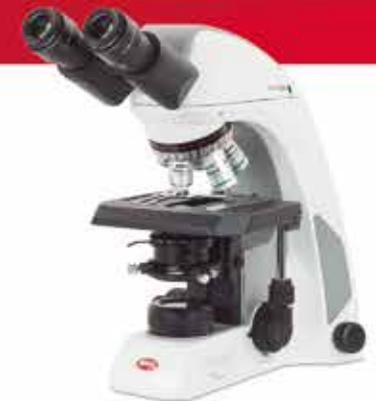
Halogen / LED
interchangeability



NEW Plan UC
objectives



Rackless & compact
mechanical stage





QR-Link



Wi-Fi

Download the Panthera App to your tablet or smartphone and capture the QR code on the microscope to link the live image to your tablet instantly. View, capture, edit and share your microscope image.



HDMI

Plug the Panthera to a HD screen or projector and work with the Panthera built-in App with the help of a mouse



USB

Add accessories to your Panthera, like a keyboard, a mouse, or plug a USB memory stick to store your images



RJ-45

Connect it to a network to run a DigiClass, for remote sharing or for working with your computer.



Digital light intensity knob
Capture instantly what you are viewing through the microscope, just pressing the light intensity knob.

PANTHERA APP | ImagingOnDevice ON-BOARD SYSTEM

ImagingOnDevice



It is an integrated System that makes the microscope completely independent, allowing you to instantly capture what you are viewing with the tip of your finger. Work in FullHD through the HDMI port directly on a screen with the help of a mouse, or work with your Tablet and the Panthera App.



PANTHERA L TECHNICAL SPECIFICATIONS

Optical system	CCIS®
Observation system	Binocular Siedentopf type 25° inclined, 360° swiveling
Interpupillary distance (mm)	48-75mm
Eyepieces	Widefield high eyepoint eyepieces UC-WF10X/22
Eyepieces diopter adjustment	+/- 5 dpt
Nosepiece	Reversed quintuple, coded
Standard objectives	Plan UC 4X, 10X, 40X and 100X S-Oil
Stage	Compact rackless stage (185x145mm)
Travel range (mm)	75x50
Upper limit stop	Preset; adjustable
Standard condenser	N.A. 0.90 /1.25 Abbe condenser with slider slot
Focus mechanism	Coaxial; tension adjustment
Minimum fine focus precision (µm)	2
Z-axis movement (mm)	25
Illumination	3WLED/30W Halogen interchangeable (Koehler)
Digital Features	
Connectivity	Built-in Smart CAM digital head ImagingOnDevice system (Panthera App embeded software) HDMI (1080i - FullHD) USB 2.0 for external devices (2x) RJ-45 (1 GB LAN) Wi-Fi through USB dongle 5 GB Internal Memory
Digital Light management	Motic LightTracer system LED light intensity indicator Sleep mode (auto on-off function)

MOTIC IMAGES PLUS 3.0 IMAGE ANALYSIS SOFTWARE

Motic Images Plus 3.0



By connecting your Panthera L to your computer you will be able to work with our well-known software, that comes included in the package. View, capture, edit, measure, make reports... all its standard features and the new ones packed in a new user-friendly interface.

