



# Panthera Cloud

## The smart microscope - Upgraded

If there's a word to define the Panthera Cloud, 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!



Smart CAM digital head



Smart Microscope ImagingOnDevice



Wi-Fi, USB, HDMI, LAN



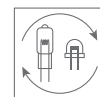
Integrated USB for external devices



Motic LightTracer smart illumination



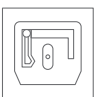
LED light intensity indicator



Halogen / LED interchangeability




NEW Plan UC objectives



Rackless & compact mechanical stage

# Technical Specifications

<b>Optical system</b>	CCIS®
<b>Observation system</b>	Binocular Siedentopf type 25° inclined, 360° swiveling
<b>Interpupillary distance (mm)</b>	48-75mm
<b>Eyepieces</b>	Widefield high eyepoint eyepieces UC-WF10X/22
<b>Eyepieces diopter adjustment</b>	+/- 5 dpt
<b>Nosepiece</b>	Reversed quintuple, coded
<b>Standard objectives</b>	Plan UC 4X, 10X, 40X and 100X S-Oil
<b>Stage</b>	Compact rackless stage (185x145mm)
<b>Travel range (mm)</b>	75x50
<b>Upper limit stop</b>	Preset; adjustable
<b>Standard condenser</b>	N.A. 0.90 /1.25 Abbe condenser with slider slot
<b>Focus mechanism</b>	Coaxial; tension adjustment
<b>Minimum fine focus precision (µm)</b>	2
<b>Z-axis movement (mm)</b>	25
<b>Illumination</b>	3WLED/30W Halogen interchangeable (Koehler)
<b>DIGITAL FEATURES</b>	
<b>Connectivity</b>	Built-in Smart CAM digital head 8.0 MP ImagingOnDevice system (Panthera App embeded software) HDMI (1080i - FullHD) USB for external devices (2x) RJ-45 (1 GB LAN) Wi-Fi  Unique Cloud Storage Function 5 GB Internal Memory
<b>Digital Light management</b>	Motic LightTracer system LED light intensity indicator Sleep mode (auto on-off function)



**Motic Images Plus 3.0**  
Our well-known software for computers, comes included in the package as a download.



**PANTHERA APP** *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.



**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.



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.



**LAN**

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.