Specification
Sheet

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MORE THAN MICROSCOPY

PANTHERA L Series

PANTHERA DL









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Optical system	Colour Corrected Infinity Optical System (CCIS®)
Observation tube	Binocular head, Siedentopf type, 360° swiveling with built-in digital camera
Sensor type	CMOS
Sensor size	1/3"
Capture resolution	4MP (2592x1520 pixels)
Live display mode through Wi-Fi	1280x720, 1920x1080 pixels (Full HD)
Live display mode through Ethernet	1280x720, 1920x1080 pixels (Full HD)
Data transfer	Wi-Fi, Ethernet
Inclination	25° inclined, 360° swivelling
Interpupillary distance	48-75mm
Diopter adjustment	On both eyepieces, +/- 4 diopter
Eyepieces	Widefield UC-WF10X/22mm with diopter adjustment
Nosepiece	Reversed quintuple, coded
Objective classification	CCIS UC Plan Achromatic (Pb free), DIN
Objectives	4X/0.10 (WD 30.5mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.6mm), 100X/1.25/S-Oil (WD 0.16mm)
Objective mounting thread	W 4/5"x1/36" (RMS standard)
Stand type	Upright
Stage	Compact mechanical stage with built-in low position rackless coaxial stage control and sample holder
Stage size	185x145mm
Travel range X&Y	75x50mm
Condenser	Focusable and centerable Abbe condenser N.A. 0.90/1.25 with slot for contrast sliders
Diaphragm	Iris diaphragm
Focus mechanism	Coaxial coarse and fine focusing system with tension adjustment
Fine focus precision	2µm
Focusing stroke	25mm
Upper limit stop	Upper limit stop preset but adjustable
Filter holder	On top of the illuminator with fixing cap
Transmitted illumination	Koehler LED 3W & Quartz halogen 6V/30W with intensity control
Illumination interchangeability	Halogen/LED and LED color temperature interchangeability
Illumination features	Motic LightTracer: Light memory, sleep mode (auto on-off), nosepiece LED light intensity and mode indicator
Transformer	Internal
Power supply	110-240V (CE)
Other features	External Camera power
Accessories included	Dust cover, power cord, Allen key, immersion oil (5ml), blue filter, halogen bulb, LED module
Dimensions LxWxH	282x210x394mm
Net weight	8.8kg