



BA210 Series

## BA210 LED Digital

<b>Optical system</b>	Colour Corrected Infinity Optical System (CCIS®)
<b>Observation tube</b>	Binocular head, Siedentopf type with Built-in digital camera
<b>Sensor type</b>	CMOS
<b>Sensor size</b>	1/2"
<b>Capture resolution</b>	3MP
<b>Live display mode through USB</b>	2048x1536 pixels
<b>Data transfer</b>	USB 2.0
<b>Inclination</b>	30° inclined, 360° rotating
<b>Interpupillary distance</b>	55-75mm
<b>Diopter adjustment</b>	On both eyepieces, +/- 5 diopter
<b>Eyepieces</b>	Widefield N-WF10X/20mm with diopter adjustment
<b>Nosepiece</b>	Reversed quadruple
<b>Objective classification</b>	CCIS® EC Plan Achromatic, DIN
<b>Objectives</b>	4X/0.10 (WD 15.9mm), 10X/0.25 (WD 17.4mm), 40X/0.65/S (WD 0.5mm), 100X/1.25/S-Oil (WD 0.15mm)
<b>Objective mounting thread</b>	W 4/5"x1/36" (RMS standard)
<b>Stand type</b>	Upright
<b>Stage</b>	Mechanical stage with built-in low position coaxial stage control and sample holder
<b>Stage size</b>	140x135mm
<b>Travel range X&amp;Y</b>	76x50mm
<b>Condenser</b>	Focusable Abbe condenser N.A. 1.25 with slot for contrast sliders
<b>Diaphragm</b>	Iris diaphragm
<b>Focus mechanism</b>	Coaxial coarse and fine focusing system with tension adjustment
<b>Fine focus precision</b>	2µm
<b>Focusing stroke</b>	20mm
<b>Upper limit stop</b>	Upper limit stop preset but adjustable
<b>Filter holder</b>	On top of the illuminator with fixing cap
<b>Transmitted illumination</b>	LED 3W with intensity control
<b>Software</b>	Motic Images Plus 3.0 for Windows, OSX and Linux
<b>Transformer</b>	Internal
<b>Power supply</b>	100-240V (CE)
<b>Accessories included</b>	Dust cover, power cord, Allen key, Immersion oil (5ml), spare fuse, cord hanger, thumb screw, calibration slide, USB cable
<b>Dimensions LxWxH</b>	360x190x395mm
<b>Net weight</b>	7.2kg