



RED50-X

Motic is proud to launch probably the World's first WiFi digital microscope series. The RED50-X represent the latest in Educational technology. Like its Camera Cousin, the MotiCam X, these X series digital microscopes transmit their live images to iOS or Android Tablets. Both microscopes feature our high-speed, full resolution imaging technology built into the head of our most popular microscopes. Use them as normal microscopes with the built-in eyepiece or share live images with your class using WiFi tablets or Windows Laptops.

Model	RED50X
Optical System	Finite optical system, 160mm
Observation tube	Monocular with built in digital X type Wi-Fi camera
Inclination	30° inclined, 360° rotating
Camera sensor	CMOS 1/3" - 2.0MP - 1600x1200 pixels
Output	Wi-Fi transmission up to 1.3MP
Eyepieces	WF10X/18mm
Nosepiece	Reversed triple revolving nosepiece
Objective classification	Achromatic objectives, DIN
Objectives	4X/0.10, 10X/0.25, 40X/0.65/S
Objective mounting thread	W 4/5"x1/36" (RMS standard)
Stage	Gliding stage with "one-touch" sample holder
Stage size	Ø105mm
Upper limit stop	Upper limit stop preset but adjustable
Condenser	Built in 0.65 N.A. with disc diaphragm
Focus mechanism	Separate coarse and fine focusing system
Fine Focus precision	2µm minimum increment
Z-axis movement	8mm
Filter	Built-in frosted glass
Illumination	LED 20mA, 3.5V, 70mW with intensity control
Transformer	External
Power supply	Charger 100-240V or rechargeable batteries
Accessories included	Calibration slide, dust cover, immersion oil (5ml), charger and batteries
Software	MotiConnect App for iOS and Android, Motic Images Plus 2.0 for PC
Dimensions	175x153x334mm
Weight	2,75Kg