

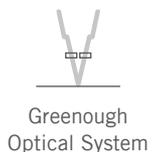


SMZ171iX

Wi-Fi Digital Stereo Microscope Solution

The Motic SMZ171iX is a Digital Wi-Fi stereo microscope station, designed for use with tablets or smartphones via Motic's free app, MotiConnect, and for sharing images with up to six users simultaneously. It is also compatible with computers using our Motic Images Plus software. Ideal for biomedical and material science applications,

the Greenough optical system delivers crisp, clear images with a 6.7:1 zoom range. Five click-stops in the smooth zoom mechanism enable precise magnification reproduction. The large Field of View with 10X/23 eyepieces and a 110mm working distance provides ample space for preparation tasks while maintaining excellent depth of view.



6.7:1

Zoom ratio

**0.75X
5X**

Zoom
magnification



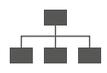
LED
illumination



Binocular
4MP Digital Head



Wi-Fi



RJ-45

Technical Specifications

Optical system	Greenough
Observation tube	Binocular Digital head, 45° inclined
Interpupillary distance	52-75mm
Eyepieces	Widefield N-WF10X/23mm with diopter adjustment on both eyepieces, +/- 5 diopter
Objectives system	Zoom, ratio 6.7:1
Objectives	0.75X~5X
Working distance	110mm
Stand type	Pole type stand with transmitted illumination and cold light input
Head holder	For Ø32mm column and Ø76mm head
Focus mechanism	Coarse focusing system with tension adjustment
Focusing stroke	49mm
Incident illumination	LED 3W with intensity control
Transmitted illumination	LED 3W with reflector and intensity control
Illumination features	Transmitted light with tilting reflector for oblique illumination
Accessories included	Dust cover, black/white and frosted stage plates
Dimensions LxWxH	303x239x405mm
Base	303x239mm
Column/Arm	Height 232mm, Ø32mm
Net weight	6.15kg
Camera	
Sensor	CMOS, 1/3"
Capture resolution	4MP (2560x1440 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 (2.4 & 5 GHz), Ethernet
Software	Motic Images Plus 3.1 for Windows, OSX and Linux, MotiConnect App for iOS and Android



MotiConnect App

View, edit, capture and store your images in the blink of an eye, view live images on multiple wireless devices and share your work with anyone in just a few clicks. The MotiConnect App makes data sharing possible in a collaborative environment, encouraging teamwork and collective learning experiences.



Wi-Fi

With built-in Wi-Fi connectivity, you can instantly link the live image from your microscope to your tablet or smartphone and share it with up to six devices simultaneously. View, capture, and edit your microscope images effortlessly.



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Connect it to a network to run a DigiClass, for remote sharing or for working with your computer and Motic's well-known Motic Images Plus Software.



USB

5 V for power supply of external devices