



THE SIGHTS & SOUNDS
OF EDUCATION

WiFi Microscope

Model CM2W

Facilitating STEM education (Science, Technology, Engineering, Math), the WiFi Microscope enables small or large group participation with its ability to wirelessly sync to nearby devices.

This Wifi Microscope allows for real-time sharing of documents or other classroom learning materials. It transmits the live image up to 30' for display on up to three iOS or Android devices at one time.

The CM2W also helps understanding the 6 NETS (National Educational Technology Standards) goals.

1. Manual focusing from 4" to infinity
2. Snapshot button
3. Built-in 6-piece White-light LED with illumination adjustable to ensure the magnified image is clear and bright
 - Supports up to 3 devices at one time
 - Live Streaming, snapshot, record video by app
 - Hardware snapshot button for instantly saving image
 - Broadcast up to 30'
 - Broadcast up to 3 iOS/Android devices
 - Active pixel technology for sharp image and accurate color reproduction

"Project Intercept"

Please contact us immediately if you experience any issues with your WiFi Microscope. Our "Project Intercept" customer service program will quickly repair or replace items under warranty. Simply contact us via phone or email warranty@califone.com.

Visit our website at to [register your product](#) and to learn more about the complete line of *Califone*® audio enhancing and visual technology products including: Wired and Wireless public address systems, wireless microphones, headphones & headsets, group listening centers, multimedia players, computer peripheral products and installed classroom infrared systems.

We are proud of helping teachers enhance student understanding and achievements since 1947, with your satisfaction as our first priority.

The WiFi Microscope carries a one year warranty with service support available through authorized dealers nationwide.

Distributed by:



Specifications

Hardware Compatibility	iOS & Android devices
System requirements	iOS (iPad / iPhone), Android
Image Sensor	1/4" Color CMOS Sensor
Image Resolution	640x480 (VGA) @15fps
Sensitivity	3.8V
Signal/Noise Ratio	> 48dB (30F/s 220LUX)
Dynamic Range	> 72dB
Lens	F2.4 2P M12 Lens
USB Cable Length	4 ft
Focus Range	Manual Focus from 50mm-Infinite
Color Resolution	24-bit
Frame Rate	Max:30 f/s Under 600 Lux Brightness
Flicker Control	50 Hz/60 Hz Option
Video Capture Format	AVI
Capture Driver Compatibility	TWAIN / VFW / Direct Show AP (Driver)
USB Compatibility	USB1.1 & USB2.0
Snap Shot Capability	Software (app) and Hardware (button)
Support Protocol	2.4GHz, WiFi, IEEE802.11b/g/n
Transmission Rate	320x240 30F/s, 640x480 15F/s
Signal/Noise Ratio	> 48dB (30F/s 220LUX)
Built-in Image Compression	Automatic color compensation and brightness adjustment with integrated bright white LEDs for lighting the subject.
Dimensions (L x R):	112 x 33mm
Power	3 x AA (alkaline, Ni-MH) batteries
Weight	9.6 ounces, shipping weight 1 lb.
Warranty	1 year for use in schools

CPSIA

Click here to view the [safety compliances for this product](#) under the Consumer Product Safety Improvement Act

Califone® International Inc. 800-722-0500

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