



THE SIGHTS & SOUNDS
OF EDUCATION

This USB Microscope allows for real-time display on computer screens, enabling multiple students to view detail at the same time. With a connected computer wired to a projector, an entire class or auditorium can participate, making it ideal for facilitating student understanding of the 6 goals within NETS (National Educational Technology Standards). Now with an adjustment for light on the cable and is Windows 7 compatible.

1. Manual focusing from 0 - 40mm
2. Takes image snapshots to appear on a computer screen
3. Light adjustment
4. USB connection (4' cable)
5. Fully adjustable, detachable microscope stand
6. Protective lens barrel

- Multiple filter choices to highlight different aspects (Light enhanced, square base, color or black and white 3D, reverse tone, blue/red/green filters)
- Automatic brightness adjustment & color compensation
- Video Capture (choice of resolution rates) or Still Picture mode (with choice of image resolution settings)
- One year warranty for school use - unlike products purchased at consumer electronics stores whose warranties would be voided if used in schools

“Project Intercept”

Please contact us immediately if you experience any issues with your USB 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.

This USB Microscope carries a one year warranty with service support available through authorized dealers nationwide.

Distributed by:

USB Digital Microscope

Model CM1-USB



Specifications

Operating System Compatibility	Windows XP/ Vista/ Windows 7 (32 & 64-bit)
Min. System requirements	IBM PC or compatible PC or laptop with USB port; Pentium 1G HD Space CD Driver; Windows XP/ Vista/ Windows 7 Operating Systems; 20MB free HD space; CD-ROM drive; 32MB RAM; VGA card w/ DirectX support
Sensor	5 MP Color CMOS
Lens	F2.4 2P M12 Lens
USB Cable Length	4 ft
Focus Range	Manual Focus from 0 - 40mm
Still Image Capture Resolution	5M, 3M, 2M, 1.3M, VGA
Digital Zoom	4X Sequence ratio
Magnification Ratio	25 X - 400X (Manual)
Image Resolution Settings	1600x1200 , 1280x1024, 800x600, 640x480, 352x288, 320x240, 160x120
Color Resolution	24-bit
Frame Rate	Max:30 f/s Under 600 Lux Brightness (1.3M)
Flicker Control	50 Hz/60 Hz Option
Video Capture Format	AVI
Capture Driver Compatibility	TWAIN / VFW / Direct Show AP (Driver)
USB Compatibility	USB 2.0
Snap Shot Capability	Software and Hardware
Transmission Rate	320x240 30F/s, 640x480 15F/s
Signal/Noise Ratio	> 48dB (30F/s 220LUX)
Dynamic Range	> 72dB
Built-in Image Compression	Automatic brightness adjustment with integrated bright white LEDs for lighting the subject, Automatic color compensation
Dimensions (L x R):	112 x 33mm
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

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