



# Digital Mobile Microscope OVERVIEW

## DMM-28

Traditional microscopes are great, but they're expensive, difficult to use and most certainly not portable. Objects must be prepared for viewing, usually by placing on a slide and placing directly beneath the microscope lens. Since most microscopes cannot capture images, there is no way to save what you've seen for later viewing. The Digital Mobile Microscope does all the things your traditional microscope can't. In this day of comprehensive visual inspections, this is a must have tool for your visual inspection needs.

No larger than a cell phone, you deliver your microscope to the object you wish to view rather than vice-versa. The Digital Mobile Microscope with 200X zoom fits in the palm of your hand or shirt pocket.

Anti-counterfeit, quality control checking, educational research, health care, medical observations - the uses are endless. Inspect holes in walls, look for evidence of tampering, inspect currency, quality control check circuit boards or other tiny devices requiring a closer look...hundreds of uses!

The 2.8" LCD display screen presents your object in full color. Three bright white LEDs located at the lens properly illuminate your item for viewing. Regardless of external lighting conditions, the scope will operate flawlessly. Not only does it show you a close-up views, it also saves images (1600 x 1200 .jpg) for measurement or transfer. Capture a still image and change the screen to black and white or sepia. Switch to measurement mode to bring up a ruler for measurement, or compare two images side by side. Best of all, images can be transferred to your PC via USB cable!

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### Specifications

Sensitive Element	2 million pixels CMOS
Lens	High-sensitivity lens
Auxiliary Source	Ultra-bright white light LED x 4, Purple light LED x 4
LCD	2.8" TFT Color LCD
SD Memory Card	2G Byte SD Card
Communication	USB2.0 Compatible; AV Terminal Compatible
Magnification	Optical Zoom 1X, 10X, 40X and 200X; 2.6 x Digital Zoom
Joint	DC IN Terminal (mini USB joint)
Lithium Battery	Model NP-120; Voltage 3.7V, Battery Capacity: 2000mAh
USB Power Supply Device	AC transformer (Output: DC 5.0/1A Input AC 100-240V 50/60Hz)
Electric Consumption	4V/360mA (All auxiliary sources are open)
Size	5.1" x 2.6" 1" (129 x 67 x 28 mm)
Weight	5.6 Oz (160 grams).
Operation Environment	Temp: 23° F to 122° F (-5° C to 50° C,) Humidity <than 85%



Pin Hole in Wall: 0.005"



50X Magnification



200X Magnification