

Handheld Digital Microscope  
**HDM 200 & HAM200**

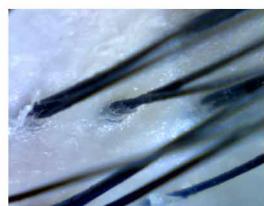


**micros**  
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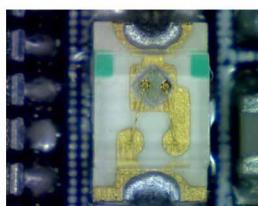
## Specification

	Digital HDM200	Analog HAM200
Image Sensor	1/4" Color CMOS image sensor	1/3" Color CMOS image sensor
Effective Pixels	1280 (H) x 1024 (V)	NTSC: 510x496; PAL: 628x586
Signal Output	Serial data for USB standard compliant 2.0	NTSC/PAL
Gain Control	Auto Gain Control (AGC)	Auto Gain Control (AGC)
White Balance	Automatic	Automatic
Magnification	10x – 200x	10x – 200x
Snap Shot Mode	Hardware / Software controllable	-
Power Source	5V DC through USB port	5VDC
Power Consumption	110mA (AVG)	250mA
O/S	Windows XP SP2 and VISTA	-
Video Output		1 Vp-p analog video @75 ohm, RCA jack CE, FCC and RHS Compliant

## Applications



**HOME:**  
Hair, teeth or skin condition



**ELECTRONICAL  
COMPONENTS  
inspection**



**VISUAL ASSISTANCE:  
Printing inspection**



**EDUCATION &  
SCIENTIFIC PURPOSES:**  
Students and teachers  
observe objects  
immediately



**TEXTILE:**  
Fiber inspection



**JEWELERY & PAPER  
MONEY inspection**

### Features Digital HDM200

- High speed USB 2.0. interface
- Wide ranges of adjustable magnification from 10x to 200x
- Viewing and capture the magnified image of your specimens right on your computer screen with VGA (640x480) or SXGA (1280x1024) resolution
- High quality lens and active pixel technology for sharp image and accurate color reproduction
- Auto exposure, auto gain control and auto white balance for optimum image

### Features Analog HAM 200

- Wide ranges of adjustable magnification from 10x to 200x
- Analog video output for connecting to various video inputs
- Active pixel technology for sharp image and accurate color reproduction
- The build-in 6 White-light LED and adjustable illumination ensure the magnified images are clear and bright
- High quality lens for true to life undistorted color image

**micros**



**RMS**

Member of Royal Microscopical Society

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