



Model:

**DM-5**

Typology:

*Digital biological microscope*

**Description:**

*Educational digital microscope dye-cast frame, with high ergonomy, for transmitted light observation.*

<b>Head</b>	Digital, monocular, 360° rotating, 45° inclined
<b>Eyepiece</b>	WF10x/16mm
<b>Nosepiece</b>	Triple, reversed
<b>Objectives</b>	Achromatic 4x (0.10), 10x (0.25), 40x (0.65)
<b>Working Stage</b>	Rotating round stage dia. 90mm; moving range: 5mm; slide clips
<b>Focusing System</b>	Coarse and fine with different axis
<b>Illumination</b>	White led, non-rechargeable, with brightness control
<b>Digital Camera Resolution</b>	640x480 pixels
<b>Output</b>	USB 2.0
<b>Packing</b>	Carton box with inner foam
<b>Signals Output</b>	USB2.0 digital signals
<b>Pixels Size</b>	5.6x5.6um
<b>Sensor</b>	1/4"
<b>Image Format</b>	4/3
<b>Image Size</b>	640x480
<b>Frame Rate(F/S)</b>	640x480 30 fps
<b>Adc Resolution</b>	10 bit, on-chip
<b>Sensitivity</b>	>1.9 V/lux-sec(550nm)
<b>White Balance</b>	auto
<b>S/N Ratio</b>	≥45dB
<b>Dynamic Range</b>	60dB
<b>Calibration Slide</b>	No
<b>System requirements</b>	Windows XP, Vista, Win7, Win8, 32/64bit, USB 2.0
<b>Driver</b>	No Driver (Microsoft Driver)
<b>Working Temperature</b>	-10-60°C
<b>Control Parameters</b>	Brightness, contrast, saturation, sharpness, gain, gamma, white balance, RGB color, resolution.
<b>Software</b>	Optika OPMIAS
<b>Storage Temperature</b>	-10-60°C
<b>Relative Humidity</b>	40% - 90%
<b>Accessories</b>	1,8m USB cable, CD-ROM, USB dog key, dust cover, instruction manuals.