



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, Win10, 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>Dimensions</b>	HEIGHT:	315 mm
	WIDTH:	140 mm
	DEPTH:	182 mm
<b>Accessories</b>	1,8m USB cable, CD-ROM, USB dongle, dust cover, instruction manuals.	