

# DermaScope® Polarizer HR 200x (MEDL7DM)



**Brand:** Dino-Lite Medical  
**Product Code:** MEDL7DM

## Short Description

5 Megapixel resolution  
Robust metal housing  
10-70x & 200x Magnification  
Built-in polarizer  
Medical Device Class 1

## Description

The Dino-Lite DermaScope® Polarizer HR 200x (MEDL7DM) has a 5 megapixel camera and magnifications of 10 to 70x and around 200x. Also this model DermaScope® features a built-in and fully adjustable polarization filter to reduce the gloss effect of the skin. The MEDL7DM also stands out from the MEDL4DM by the sleek metal casing.

The Dino-Lite DermaScope® 200x models are special models at a much higher magnification, which is often used for specialized dermatological applications or, for example, the analysis of skin biopsies. Because of the high magnification of this model suspicious nevi can be analysed with more accuracy. In practice, this model is used for the analysis and interpretation of biopsies and other preparations, in short, more for laboratory research.

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USB 2.0



5 megapixel  
2592 x 1944



Polarizer  
anti-reflection



8 White LEDs  
switchable



Adjustable  
~10-70x & 200x



Metal  
housing

## Specification

| Lighting                          |   |
|-----------------------------------|---|
| Light/ LED type                   | White   |
| Number of LEDs                    | 8   |
| LED on/off switchable:            | Yes   |
| Infrared filter                   | IR cut-filter >650 nm   |
| Diffuser available                | No  |
| Polarizer                         | Yes, linear   |
| Optics                            |   |
| Magnification                     | 10-70x, 200x  |
| Lens type                         | Glass with anti-reflection coating                                    |
| Sensor                            |   |
| Sensor type                       | CMOS  |
| Resolution                        | 5 Megapixel (2592x1944)   |
| Maximum frame rate                | 30 fps  |
| Compatibility                     |   |
| Interface                         | USB 2.0   |
| Operating system                  | Windows 7, 8, 10 & 11, MacOS 10.9 and up                              |
| Software                          | DinoCapture 2.0 (Windows), DinoXcope (Mac OS)                         |
| Supported image formats (Windows) | BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX |
| Supported video formats (Windows) | WMV, FLV, SWF   |
| Supported image formats (MacOS)   | JPEG, PNG   |
| Supported video formats (MacOS)   | MOV (max 1.3MP)   |
| Imaging standards                 | DirectShow, UVC   |
| Housing                           |   |
| Housing material                  | Aluminium alloy housing   |
| Magnification lock                | No  |
| Dimensions                        | 10.5 cm (L) x 3.2 cm (D)  |
| Weight                            | 140g  |

|                      |   |
|----------------------|---|
| Cable length         | 1.8m  |
| <b>Features</b>      |   |
| Special feature      | No  |
| Measurement          | No  |
| Calibration          | No  |
| Microtouch sensor    | Yes   |
| <b>Information</b>   |   |
| Package contents     | Microscope, carry pouch, software CD, ZT-Z-CC1 cap closure, user manual |
| Warranty information | 2 years European warranty   |
| Regulatory approval  | Medical Device Class 1 – Medical Devices Regulation (EU) 2017/745       |
| Price range          | €800,00 - €1000,00  |

### Product Gallery



