

# DermaScope® Polarizer (MEDL4DW)



**Brand:** Dino-Lite Medical  
**Product Code:** MEDL4DW

## Short Description

1.3 Megapixel resolution  
Versatility due to exchangeable caps  
10-50x Magnification  
Polarizer  
Medical Device Class 1

## Description

The Dino-Lite DermaScope® Polarizer (MEDL4DW) has a 1.3 megapixel camera that can capture sharp images of the skin and features a built-in and fully adjustable polarization filter to greatly reduce the gloss effect of the skin.

The Dino-Lite DermaScope® Polarizer is suitable for any physician or dermatologist or skin specialist. For those who put even more demands on the equipment and want to have the latest features and capabilities, the DermaScope® Polarizer HR is also available (MEDL7DW)



USB 2.0



Exchangeable  
cap



Adjustable  
~10-50x



Magnification  
lock



1.3 megapixel  
1280 x 1024



8 White LEDs  
switchable



Polarizer  
anti-reflection



Macrozoom  
FOV & DOF

## 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                     | 10-50x                                                                |
| Lens type                         | Glass with anti-reflection coating                                    |
| Sensor                            |                                                                       |
| Sensor type                       | CMOS                                                                  |
| Resolution                        | 1.3 Megapixel (1280x1024)                                             |
| 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                                                                   |
| Imaging standards                 | DirectShow, UVC                                                       |
| Housing                           |                                                                       |
| Housing material                  | Composite/plastic housing                                             |
| Magnification lock                | Yes                                                                   |
| Dimensions                        | 10.5 cm (L) x 3.2 cm (D)                                              |
| Weight                            | 105 g                                                                 |
| Cable length                      | 1.8m                                                                  |

| Features             |                                                                                       |
|----------------------|---------------------------------------------------------------------------------------|
| Special feature      | No                                                                                    |
| Measurement          | No                                                                                    |
| Calibration          | No                                                                                    |
| Microtouch sensor    | Yes                                                                                   |
| Information          |                                                                                       |
| Package contents     | Microscope, carry pouch, software CD, user manual, N3C-C- Closed cap, N3C-L- Long cap |
| Warranty information | 2 years European warranty                                                             |
| Regulatory approval  | Medical Device Class 1 – Medical Devices Regulation (EU) 2017/745                     |
| Price range          | €500,00 - €700,00                                                                     |

## Product Gallery

