

# DermaScope® Polarizer HR (MEDL7DW)

**Brand:** Dino-Lite Medical  
**Product Code:** MEDL7DW



## Short Description

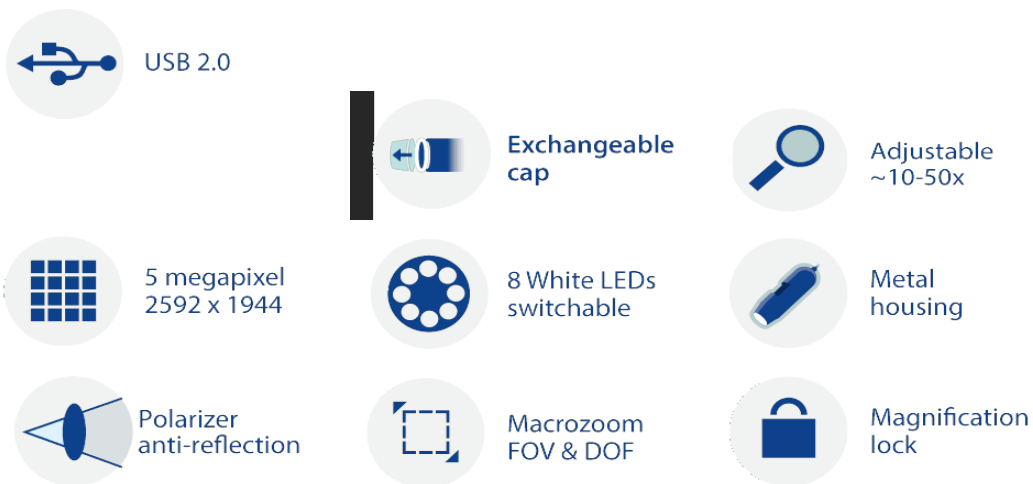
5 Megapixel resolution  
Cutting-edge optics  
Robust metal housing  
Exchangeable caps  
10-50x Magnification  
Built-in polarizer  
Medical Device Class

## Description

The Dino-Lite DermaScope® Polarizer HR (MEDL7DW) has a 5 megapixel camera to capture sharper images with more detail, and features a built-in and fully adjustable polarization filter to greatly reduce the gloss effect of the skin.

The MEDL7DW has two different levels of magnification (about 20x to about 45x) without the need to change the distance to the skin. If the extra cap is used, it is also possible to take an image with a larger surface area with a magnification of approximately 10x. The MEDL7DW also stands out from the MEDL4DW by the sleek metal casing. The Dino-Lite DermaScope® Polarizer HR is suitable for every dermatologist, but is usually purchased in the practice which places extra demands on the equipment and wants to have the latest features and capabilities.

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### 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                        | 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                              |
| Included 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   | Yes   |
| Dimensions           | 10.5 cm (L) x 3.2 cm (D)  |
| Weight               | 140 g   |
| Cable length         | 1.8 m   |
| 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   |
| Accessory range:     | Dino-Lite DermaScope  |
| Regulatory approval: | Medical Device Class 1 – Medical Devices Regulation (EU) 2017/745                     |
| Price range          | €900,00 - €1100,00  |

## Product Gallery



