

DermaScope® Polarizer HR (MEDL7DW)

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.



USB 2.0



Exchangeable
cap



Adjustable
~10-50x



5 megapixel
2592 x 1944



8 White LEDs
switchable



Metal
housing



Polarizer
anti-reflection



Macrozoom
FOV & DOF



Magnification
lock

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
Software	DinoCapture 2.0 (Windows) cable + wireless, DinoXcope (Mac OS) cable only, DinoConnect wireless only
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, N3C-L
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



