

# CapillaryScope 500 Pro Wireless (MEDLW4N5 Pro)



**Brand:** Dino-Lite Medical  
**Product Code:** MEDLW4N5 Pro

## Short Description

1.3 Megapixel resolution

For inspection of capillary vessels

Around 500x magnification

Built-in polarizer

Wireless

Medical Device Class 1

## Description

The Dino-Lite CapillaryScope 500 Pro Wireless (MEDLW4N5 Pro) is intended for looking at the microcirculation (microcapillary function) of the blood vessels under finger nails. With this compact and versatile digital CapillaryScope it is very easy to capture and store highly detailed nail fold capillaroscopy images at a high magnification rate of 500x.



USB 2.0



Automatic  
Magnification  
Reading (AMR)



Fixed  
~500x



Magnification  
lock



8 White LEDs  
switchable



1.3 megapixel  
1280 x 1024



The CapillaryScope 500 Pro Wireless uses the latest, cutting-edge optics and offers superb image quality and color reproduction in a robust and compact housing. The device is suitable for intensive daily use. The built-in, switchable polarizer, makes it even more convenient to make glare-free pictures, especially when you work with contact oil or water on the nail rim.

The CapillaryScope 500 Pro Wireless is certified according to the Medical Devices Regulation (EU) 2017/745. All the necessary software is included so you can get up to speed quickly.

## 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	500x
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
Wifi	Yes
<b>Housing</b>	
Housing material	Composite/plastic housing
Magnification lock	Yes
Dimensions	10.5cm (L) x 3.2cm (D)
Weight	105 g
Cable length	1.8m
<b>Features</b>	
Special feature	Automatic Magnification Reading (AMR)
Measurement	No
Calibration	No
Microtouch sensor	Yes
<b>Information</b>	
Package contents	Microscope, carry pouch, software CD, user manual, N3C-N- CapillaryScope cap
Warranty information	2 years European warranty
Regulatory approval	Medical Device Class 1 – Medical Devices Regulation (EU) 2017/745
Price range	€900,00 - €1100,00

## Product Gallery

