

# CapillaryScope 200 Pro Wireless (MEDLW4N Pro)



**Brand:** Dino-Lite Medical  
**Product Code:** MEDLW4N Pro

## Short Description

1.3 Megapixel resolution

For inspection of capillary vessels

Around 200x magnification

Built-in polarizer

Wireless

Medical Device Class 1

## Description

The Dino-Lite CapillaryScope 200 Pro Wireless (MEDLW4N 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 nail fold capillaroscopy images at a magnification rate of 200x.



USB 2.0



Automatic  
Magnification  
Reading (AMR)



Adjustable  
~20x - 220x



Magnification  
lock



8 White LEDs  
switchable



1.3 megapixel  
1280 x 1024



The CapillaryScope 200 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 CapillaryScope 200 Pro Wireless has a lower magnification than the CapillaryScope 500 Pro, the maximum magnification is 200x, but due to a bigger Field of View (FOV) it will be possible to look at a higher number of capillaries in one picture. 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 200 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                     | 50x, 200x                                                             |
| 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           | WMV, FLV, SWF                                                         |

|                                 |                                                                              |
|---------------------------------|------------------------------------------------------------------------------|
| (Windows)                       |                                                                              |
| 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

