

# CapillaryScope 500 (MEDL4N5)

**Product Code:** MEDL4N5

## Short Description

1.3 Megapixel resolution

For inspection of capillary vessels

500x Magnification

Medical Device Class 1

## Description

The CapillaryScope 500 (MEDL4N5) is a special version intended for looking at the microcirculation (microcapillar function) under nails. It is very easy to capture and store highly detailed magnified images. The magnification rate is 500x.



USB 2.0



8 White LEDs  
switchable



Fixed  
~500x



Magnification  
lock



1.3 megapixel  
1280 x 1024

## 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              | No                                 |
| 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                                                       |
| Housing                           |                                                                       |
| Housing material                  | Composite/plastic housing                                             |
| Magnification lock                | Yes                                                                   |
| Dimensions                        | 10.5cm (L) x 3.2cm (D)                                                |
| Weight                            | 95 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                     |
| Warranty information              | 2 years European warranty                                             |
| Regulatory approval               | Medical Device Class 1 – Medical Devices Regulation (EU) 2017/745     |
| Price range                       | €400,00 - €600,00                                                     |

## Product Gallery

