

# IriScope (MEDL4R)



**Brand:** Dino-Lite Medical  
**Product Code:** MEDL4R

## Short Description

1.3 Megapixel resolution

Make detailed pictures of the Iris

10-20x Magnification

Medical Device Class 1

## Description

The IriScope (MEDL4R) offers a new, fast and easy way to make pictures of eyes. The IriScope has 2x2 LED's (white/yellow) that illuminate the side of the eye which reduces the reflections in the image as well as the discomfort by bright light. The yellow LED's provide better images of dark irises. The images have a maximum resolution of 1.3 Megapixel.



USB 2.0



Switchable  
white/yellow  
LEDs



Adjustable  
~10-20x



Magnification  
lock



1.3 megapixel  
1280 x 1024

## Specification

Lighting

|                                   |   |
|-----------------------------------|---|
| Light/ LED type                   | White/ Yellow   |
| Number of LEDs                    | 2+2   |
| LED on/off switchable:            | Yes   |
| Infrared filter                   | IR cut-filter >650 nm   |
| Diffuser available                | No  |
| Polarizer                         | No  |
| <b>Optics</b>                     |   |
| Magnification                     | 10-20x  |
| Lens type                         | Glass with anti-reflection coating                                    |
| <b>Sensor</b>                     |   |
| Sensor type                       | CMOS  |
| Resolution                        | 1.3 Megapixel (1280x1024)   |
| Maximum frame rate                | 30 fps  |
| <b>Compatibility</b>              |   |
| 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   |
| <b>Housing</b>                    |   |
| Housing material                  | Composite/plastic housing   |
| Magnification lock                | Yes   |
| Dimensions                        | 10.5cm (L) x 3.2cm (D)  |
| Weight                            | 95 g  |
| Cable length                      | 1.8m  |
| <b>Features</b>                   |   |
| Special feature                   | No  |
| Measurement                       | No  |
| Calibration                       | No  |
| Microtouch sensor                 | Yes   |
| <b>Information</b>                |   |
| 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         | €500,00 - €700,00   |

**Product Gallery**



