HANDHELD FUNDUS CAMERA

OPTOMED LUMO

Capturing Health

Intuitive User Experience

High-Quality Optics

Seamless Integration

Data Security

Retinal Imaging and Oculomics with Unparalleled Usability and Adaptability

Early Detection with AI-Powered Handheld Imaging

Optomed handheld fundus cameras provide access to a variety of essential health data and enable early detection.

The Optomed Lumo® with integrated AI delivers a streamlined workflow for screening, from patient data management to AI result delivery.

1.

Retinal imaging
Fast 50-degree image capture without dilation.

2.

AI analysis
Instant result delivery to the camera and Optomed Portal.

3.

Results integration
Report and image integration with hospital systems.

1-Minute On-the-Spot Screening

Reach Patients Anywhere

Optomed Lumo provides maximum portability
Image capture, data transfer, AI analysis, and device charging can all be done on-the-go. The optional Optomed Travel Pack allows traveling light with the camera.

Designed to be used by any healthcare professional
Optomed Lumo provides an effective diagnostic tool for various purposes from large-scale eye screenings and primary care to emergency room diagnostics and pediatric retinal examinations.

Adapts to different healthcare settings
Optomed Lumo sets a new standard for flexibility in retinal screening with its programmable workflows, intuitive user guidance and wireless DICOM connection, both as a handheld and a stationary camera.

Effective, Reliable, Fast, and Secure Retinal Imaging

Intuitive User Experience

User programmable workflows, a large touchscreen and a variety of automatic imaging functions enable fast camera operation and image capture.

Intuitive user guidance empowers imaging by any healthcare professional.

- Programmable Imaging Sequences
- Intuitive User Guidance
- Large 5" Touchscreen
- Smart Autofocus™

High-Quality Optics and Design

High-Contrast Optical Design™ allows detecting even the small early-phase retinal changes, with a 50° field of view.

Non-mydriatic imaging complemented with a 12 MP low-noise sensor produces image quality that you need to see.

- Non-Mydriatic
- 12 MP Resolution
- 50° Field of View
- High-Contrast Optical Design™

Seamless Integration

Wireless DICOM connection ensures seamless image and patient data integration with hospital PACS systems.

High speed USB and WLAN connections ensure fast data transfer to medical records and to the Optomed mobile application.

On-the-spot image analysis with selected AI algorithms is enabled by the camera's cloud connection.

- USB and WLAN
- DICOM
- Cloud Connection for AI services

Data Security

Health data is properly protected with AES-256 encryption, PIN code protection, and user authentication implemented in the camera.

- Data Encryption
- User Authentication
- PIN Code Protection

OPTOMED

Enabling Screening for All