HARDWARE SPECIFICATIONS

FIELD OF VIEW	45°
FIELD OF VIEW WITH MOSAIC FUNCTION	90°
RETINAL RESOLUTION	14 micron
FIXATIONS	7 fixation set-ups
TABLET DIMENSIONS	10.4''
WEIGHT	14,7 kg
SIZE	340 x 430 x 460 mm

SOFTWARE SPECIFICATIONS

✔ IMAGE FILTERS (VASCULAR, CHOROIDAL, NERVE FIBRE, RED FREE)

✔ CUP-TO-DISC RATIO FOR GLAUCOMA SCREENING

✔ AUTOMATIC MOSAIC FUNCTION

✔ PC SHARED FOLDER

✔ COMPATIBLE WITH DICOM STANDARD

✔ FUNDUS ADAPTER TO TRANSFER IMAGES TO A LOCAL PC

TELEMEDICINE SPECIFICATIONS

✔ CLOUD-BASED SECURE

✔ DATA ENCRYPTION BY CLIENT-SIDE

✔ AUTOMATIC DATABASE BACKUP

✔ DATA CONSULTATION FROM FRONT-END WEB

✔ MULTILEVEL ACCOUNT

✔ ACCESS BY PERSONAL USER

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nexy
A look ahead

> Nexy is an innovative
telemedicine-friendly
service for retinal screening.

Nexy is an innovative telemedicine-friendly service for retinal screening.

NEXY AT A GLANCE

HD

Nexy provide high-quality retinal images which can be reviewed in remote locations.
Nexy is a first step in the new world of tele-medicine, where patients can experience better medical care, no matter where they live.

BASED ON EXCLUSIVE TECHNOLOGY

Nexy exploits an innovative design based on cross-polarized light and this allows to keep a small footprint with excellent image quality*.

*PATENT NUMBER:
US9636073 / US10092184 / US20160051140

PROTECTION OF PATIENT DATA

Nexy is GDPR compliant.
Patient sensitive data are secure thanks to the client-side data encryption. This means that patient data are encrypted on the sender's side, before they are transmitted to a server such as a cloud storage service*.
This client-side encryption guarantees secure privacy and GDPR compliance.

* PATENT NUMBER:
US20160210409

NEXY VALUE-ADDED FEATURES

+ Robotic movements: auto alignment, auto focus and auto capture. Just press Start and Nexy does the rest

+ High-quality images for detailed screening and evaluation thanks to field of view of 45° (with mosaic function 90°)

+ Pleasant aesthetic, small footprint and ergo-nomic design

+ Modern gesture interaction: the intuitive in-terface facilitates a quick start and navigation

+ Data consultation from Next Sight home page thanks to a personal and secure account

+ Teamviewer application for remote assistance

BENEFITS

+ Build more effective and efficient healthcare models.

+ Simplify diagnostic processes.

+ Deliver solutions for eye care at reduced costs.

TELEMEDICINE MADE FAST AND ACCESSIBILE

The purpose of telemedicine is to send health information over a distance using modern communication technologies and serves to en-hance health care access, quality and patient satisfaction.

TELEMEDICINE PLATFORM

Patient retina images are sent in a secure way to a server; collected data are sent electron-ically to an ophthalmologist who will evaluate them no matter the distance; then the evalu-ation is sent back where Nexy is located. This makes Nexy a reliable telemedicine-friendly device.

A.I. - A VALUABLE RESEARCH TOOL

A.I. is the path toward more efficient and more objective ways to interpret the flood of images that modern eye care practices produce.
Nexy is optimized for A.I. assisted evalutation and could be associated to an A.I. software.

STEP 1
A patient visits the practice.

STEP 2
The practitioner or an assistant inserts patient data in the tablet or in the web platform.

STEP 3
Nexy automatically captures retinal images.

STEP 4
Images are sent automatically to the telemedicine platform.

STEP 5
Licensed ophthalmologist or AI software evaluates and interprets the results. Report is sent to Nexy tablet from Next Sight server automatically.

STEP 6
The medical report could be printed and given to the patient.

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