General Examination Camera
MULTIPURPOSE DIGITAL IMAGING DEVICE

Digital medical camera system with a full range of lenses for ophthalmoscopic, otoscopic, dermatoscopic and other applications.

Improved Patient Care

Digital still and video images created by making accurate diagnosis and planning consistent follow-up treatments.

Efficient Work Processes

Easily adopted into daily examination routines and connectivity to any patient database system enables fluent image data sharing e.g. for consultation purposes.

Handset Features

- Dimensions: 89mm x 44mm x 205mm
- Weight: 254 g
- Power supply: rechargeable Li-ion battery
- 3.5” full HD full colour TFT-LCD display
- 8 GB micro SD card
- 3 hours operating time
- Bayonet connector for attachable optic modules
- Image and video function

Imaging Functionality

- 2 MPixel CMOS image sensor
- Image format: JPEG
- Video format: H.264
- Resolution: Full HD true 1920 x 1080

Connectivity

- Mini USB and AV output

OTOLOGY

With the attachable otoscopic lens provides high resolution digital image data that captures accurately the colour, position, and translucency of tympanic membrane. Broad field of view allows you to observe easily the entire auditory canal. By viewing still or video images of both ear canals simultaneously on your PC, diagnosis and follow-up are significantly facilitated.

GENERAL IMAGING

The general imaging lens of the camera system is provided to capture high resolution digital image data of easily accessible areas of the body such as the oral cavity.
DERMATOSCOPY

Together with the attachable dermatoscopic lens offers an easy-to-use tool for examining the entire skin surface and making measurements of different skin lesions such as moles.

Any changes in the skin or moles can be easily detected and documented with high resolution images during each followup. Without the dermatoscopic lens the device can be used for general imaging of larger skin areas to document e.g. burn injuries, cuts or bruises and eczema.

Features of dermatoscopic lens
- Accurate identification and measurement of skin lesions
- No immersion necessary
- Light source: white LED
- Polarization: Dermis / Epidermis
- Field of view: 10 mm Ø
- Resolution: Full HD 1920 x 1080 Pixels
- Dimensions: 56mm x 46mm
- Weight: 113 g

RETINAL OPHTHALMIC IMAGING

With the attachable ophthalmoscopic lens enables non-mydriatic eye fundus examination with a wide 25° and 40° field of view respectively. With digital still and video images the appearance of optic disc, macula, and retinal vasculature can be screened and documented for ocular lesions and anomalies. The device can be mounted on a slit lamp holder with a special adapter to give additional stability to imaging.

Features of ophthalmoscopic lens
- Reflection-free imaging
- Image targeting and capturing using infrared or white LEDs
- It is not necessary to dilate pupils
- White and infrared LEDs for image targeting and capturing
- Resolution: Full HD 1920 x 1080 Pixels
- Field of view: 25° or 40°
- Diopter compensation: -20D to +20D
- Dimensions: 133mm x 42mm
- Weight: 120g