

## Optomed Smartscope M5

- Dimensions:  
82.30 (w) x 166.50 (h) x 66.50 (d) mm
- Weight: 400g
- Power supply: Rechargeable Ni-MH Battery

## Handset Features

- High resolution 2.4" TFT-LCD display with 262 000 colors and antireflective coating
- 2 GB SD memory card
- Bayonet connector for attachable optics modules
- Integrated lens for general imaging
- Average usage time 1 h 30 min continuous use with full battery

## Imaging Functionality

- 5 MPixel CMOS image sensor
- Image format: JPEG
- Video format: MPEG-4/MPEG-1
- Resolution in general mode: 2560 x 1920 Pixels
- Autofocus

## User Interface Features

- Patient folders
- Image preview
- Multiple languages

## Connectivity

- PC with USB port – no driver installation needed
- Supported operating systems: Windows XP®, Windows Vista®, Windows 7®
- Free patient data management software provided with sales package

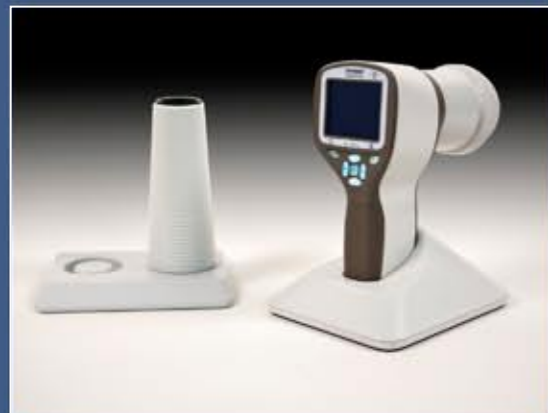


Image is everything

**OPTOMED**

[www.optomed.com](http://www.optomed.com)

**SMARTSCOPE**

## MULTIPURPOSE DIGITAL IMAGING DEVICE

Optomed Smartscope® M5 is a digital medical camera that provides general, ophthalmoscopic, otoscopic and dermatoscopic imaging with one hand-held device.

### Improved Patient Care

Digital still and video images created with Optomed Smartscope® M5 allow making accurate first diagnosis and planning consistent follow-up treatment.

### Efficient Work Processes

Optomed Smartscope® M5 is easily adopted into daily examination routines and connectivity to any patient database system enables fluent image data sharing e.g. for consultation purposes.

## ANTERIOR EYE IMAGING

With attachable anterior eye module ES1 Optomed Smartscope® M5 provides high resolution digital image data of the surface of the eye and areas directly surrounding the eye. The cobalt blue LEDs allow fluorescent imaging to detect a dry eye or any cuts or rashes on the surface of the eye.

Light weight and portable design allow the camera to be used in field conditions outside the office and examining also patients lying down.

### FEATURES OF SMARTSCOPE M5 ES1

- White and blue LEDs for image targeting and capturing
- Silicone support to stabilize camera when targeting
- Autofocus and optional manual adjust
- 6 x Digital zoom
- Image resolution 2560 x 1920 Pixels
- Dimensions/weight: 79 (h) x 70 (d) mm/80 g

## OTOSCOPIC IMAGING

With attachable otoscopic module OT1 Optomed Smartscope® M5 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.

### FEATURES OF SMARTSCOPE M5 OT1

- Enhanced view of the auditory canal
- Inflation port for pneumatic otoscopy
- Disposable and reusable speculum diameter range: 2,5-5mm
- Integrated LED illumination
- 6 x Digital zoom
- Image resolution 2560 x 1920 Pixels
- Dimensions/weight: 49.2 (h) x 54.5 (d) mm/80 g

## DERMATOSCOPIC IMAGING

Together with attachable dermatoscopic module SK1 Optomed Smartscope® M5 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 follow-up. 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 SMARTSCOPE M5 SK1

- Accurate identification and measurement of skin lesions
- No immersion necessary
- 6 x Digital zoom
- Autofocus
- Light ring of 24 LEDs for illumination
- Image resolution 2560 x 1920 Pixels
- Dimensions/weight: 60 (h) / 77 (d) mm/150 g

## RETINAL IMAGING

With attachable retinal module EY3 Optomed Smartscope® M5 enables non-mydratic eye fundus examination with a wide 40° field of view. 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 SMARTSCOPE M5 EY3

- Reflection free imaging
- Image targeting and capturing using infrared or white light
- It is not necessary to dilate pupils
- Minimum pupil size 3,5 mm
- Field of view 40°
- Autofocus
- Silicon rubber eye cup for support and comfort
- Image resolution 1920 x 1440 Pixels
- Dioptr compensation -20 D to +20 D
- Dimensions/weight: 132.10 (h) x 55.20 (d) mm/180 g

