

OPTOMED

SMARTSCOPE | PRO



OPTOMED

Easy documentation of the eye



Lightweight and
battery operated



Non-mydriatic
Retinal lens

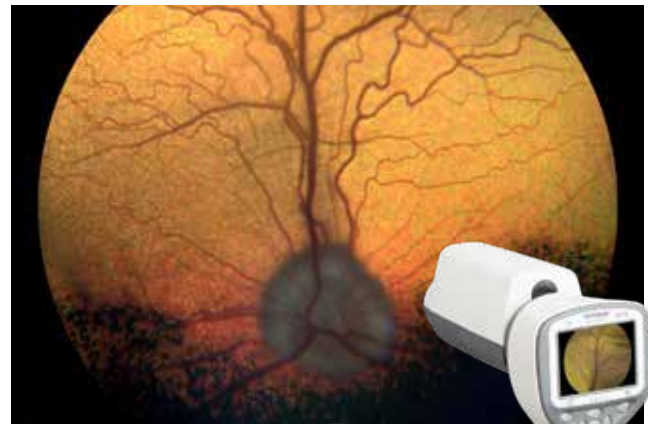
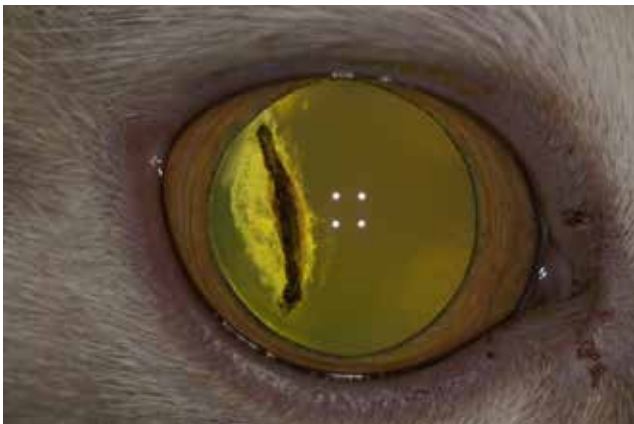
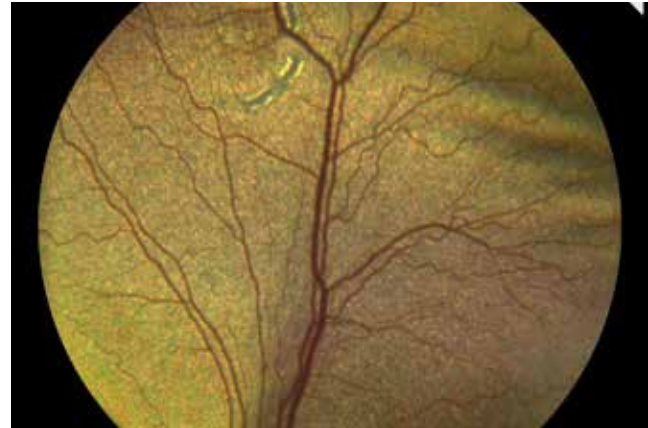
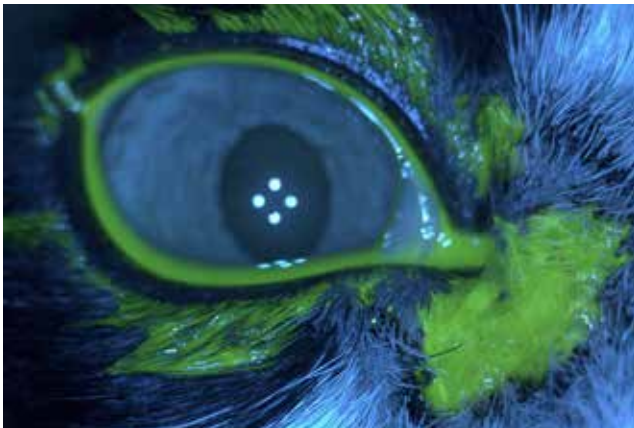


Eye surface lens -
Colour and Cobalt
blue modes



USB and WLAN
connection to PC

Suitable for example to:



User comment

I use it during official eye screening examinations and for patients with eye problems to show the owner what a fundus look like. I show the owner the picture on the screen of the Smartscope itself. Often it is more clear for an owner to see the picture instead of descriptions like retinal vessels, tapetum, optic disc. In some cases, we can also show the abnormalities, like retinal dysplasia, chorioretinitis, hemorrhage. Suitability for follow-up and remote consultation purposes is good if we store the picture in the medical records of the patient.

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Technical specifications

Type	Non-mydriatric digital fundus camera
Field of view	40 degrees
Camera sensor resolution	5 Mpix
Optical resolution	> 60 lp/mm (ISO 10940:2009)
Fixation targets	9 internal fixation targets for peripheral imaging (total FOV up to 70 x 52)
Focus range	Autofocus, -20D to +20D
Minimum pupil size	3.5 mm
Image and video format	JPEG; MPEG4/MPEG1
Display	2.4" TFT-LCD
Memory	8GB
Power supply	Rechargeable Ni-MH Battery
Connectivity	WLAN, USB
Type of photography	Colour, Red-free, IR
Dimensions and weight	Smartscope M5: 82.30 (w) x 166,50 (h) x 66.50 (d) mm, 400 g Smartscope EY4: 67 (w) x 73 (h) x 160 (d) mm, 300 g Smartscope ES2: 79 (h) x 70 (d) mm, 92 g



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