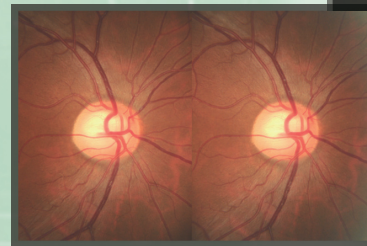
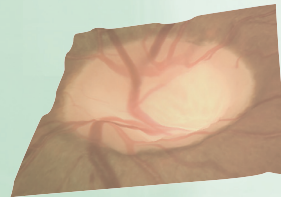




Technology for Life Science

2D/3D Non-mydrriatic Retinal Camera

KOWA
nonmyd *W_X*^{3D}
RETINAL CAMERA



*A new concept retinal camera with
"SSP", Simultaneous Stereoscopic
Photography.*



Three photography modes
to select from: Normal,
SP(Small Pupil), and Stereo.



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RETINAL CAMERA

2D – Normal –

Normal Field angle : 45°

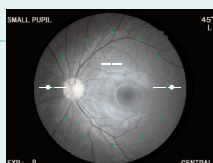
Kowa's exclusive optical design in combination with the digital SLR camera delivers extremely detailed retinal images. The integrated 9-points internal fixation light system allows for mosaic photography.



2D – SP –

SP (Small Pupil) Field angle : 45°

Retinal images can be taken even with smaller pupils. On screen guides indicate if the pupil size is within the sufficient range (above $\phi 3.5$ mm) for photography.



3D – Stereo –

Stereo Field angle : 34° (20°×27°)

Photography

Instant and simultaneous 3D photography is possible in 1-shot. Stereoscopic images are captured without the camera shifting.

Retinal observation on 3D images

The shape of the optic disc and cup can be viewed on a 3D image.

Switch between the parallel and cross viewing methods with 1-click when viewed on a 2D monitor.

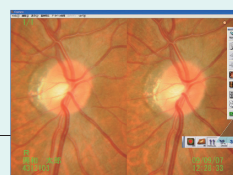


Image capturing



Parallel/Cross view icon (Icon may be hidden.)

Time sequential movie

The chronological change of the shape of the optic disc and cup can be viewed on a moving image.

Specifications

Photography modes	Normal / SP / Stereo (electrically switched)	Camera	Specific Nikon digital SLR camera
Stereoscopic photography method	Simultaneous stereo photography	Monitor	5.7 inch LCD
Stereo photography parallax	7.4"(at the 0 diopter eye)	Internal fixation light	Central, Disc, Macula, mosaic 8 positions
Field angle	Normal : 45° SP : 45° Stereo : 34° (20°×27°)	External fixation light	Red light (option)
Working distance	30 mm	Optical head base adjustment range	Forward/Backward : 40 mm Leftward/Rightward : 98 mm Vertical (electric) : 27 mm
Minimum pupil size	Normal mode : $\phi 4.0$ mm SP mode : $\phi 3.5$ mm Stereo mode : $\phi 4.0$ mm	Chin rest adjustment range	55 mm (electric)
Compensation range of examined eye	Without compensation : -12 D~+13 D Compensation - : -32 D~-10 D Compensation + : +10 D~+35 D	Interface	USB
Focusing	Split luminous bars coincidence	Power supply	Input : AC100~240 V 50 / 60 Hz Power consumption : 150 VA
Working distance adjustment	2 luminous dots indication type	Dimensions	310(W)×504(D)×548(H) mm
		Weight	21 kg / 46 lbs (excluding the attached digital SLR camera)

Images of the monitor are compositions.
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Specifications and appearances are subject to change without notice.

Distribution name : KOWA nonmyd WX



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