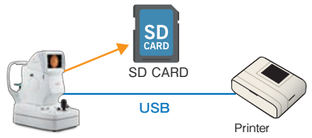
Technology for Life Science

Non-Mydriatic Retinal Camera KOWA nonmyd AF

Data management utilities

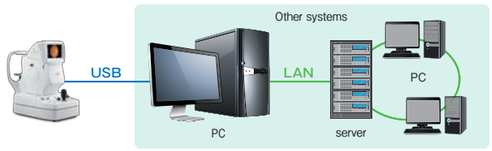
Standalone

Data can be saved on an SD card. A numeric keypad or bar code reader may be used for ID input.



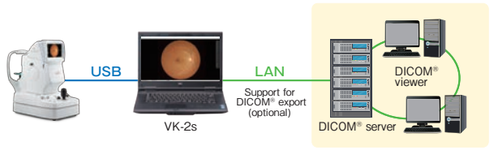
Connection to other systems

Images can be exported to any folder. An export tool (included) enables automatic transfer of images to other systems.



Connection to KOWA VK-2s Image Filing System

The user can save and/or view images using the optional image filing system software.
The KOWA VK-2s also has an image exporting function which allows output to a designated folder on the network.



■Options

● Image Filing System “KOWA VK-2s” ● External fixation target

【Specifications】

Angle of view	45° / 2× (horizontal 26.6° ／ vertical 22.2°) 2 modes (optical zoom)
Working distance	30 mm
Minimum pupil diameter	φ 4.0 mm (small pupil mode φ3.3 mm)
Compensation range of examined eye	Without Compensation: −12 D ～ +13 D Compensation + : +10 D ～ +35 D Compensation − : −32 D ～ +10 D
Automatic functions	Focusing, Flash Intensity*, Photographing (ON/OFF Selectable), Switching between anterior and fundus modes
Camera	2448×2048 pixel CMOS sensor camera
Monitor	7-inch wide monitor
Light source	Observation: Near-infrared LED Photography: Xenon flash lamp
Internal fixation target	Normal: 3 positions (Central, Disc, Macula) Mosaic: 9 positions
Optical component adjustment range	Forward / Backward : 60 mm Left / Right : 98 mm Vertical (electric) : 27 mm
Interfaces	Image output: USB (Type B) Numeric keypad / Barcode reader input: USB (Type A)
Storage media	SD card (～2GB), SDHC card (4GB ～ 32GB) SDXC not supported
Power Supply	Input: AC100-240V, 50 / 60Hz Power consumption: 150VA
Dimensions ／ Weight	310(W)×530(D)×555(H)mm/23kg

* except for the US market

Images in the LCD monitor are compositions.

Specifications and appearances are subject to change without notice.

CE

Distribution name : KOWA nonmyd AF

Kowa Company, Ltd.
World Sales Headquarters
4-14, Nihonbashi-honcho 3-chome, Chuo-ku,
Tokyo 103-8433, Japan
Phone: +81(3)3279-7639
Facsimile: +81(3)3279-7541
URL: https://www.kowa.co.jp/e-life/

Kowa Company, Ltd. Chofu Factory
3-1, Chofugaoka 3-chome, Chofu,
Tokyo 182-0021, Japan

Kowa American Corporation
Medical Device Division
20001 South Vermont Avenue,
Torrance, CA 90502, U.S.A.
Phone: +1(310)327-1913 Facsimile: +1(310)327-4177
URL: http://kowa-usa.com/

EC REP Kowa Europe GmbH
Immermannstrasse 43B,
40210 Duesseldorf, F.R. Germany
Phone: +49(211)179354-18 Facsimile: +49(211)161952
URL: http://www.kowamedical.com/

REF K9L64_1991D20CO
Printed in Japan.

Technology for Life Science

Non-Mydriatic Retinal Camera

KOWA nonmyd AF

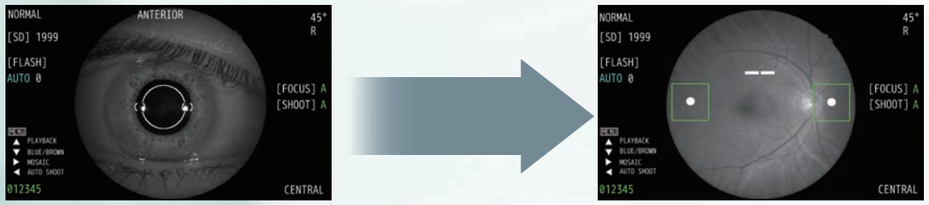
Auto Focusing & Auto Shooting

A stress-free retinal camera

nonmyd AF RETINAL CAMERA

Automatic features have been integrated with the superior optical design of the KOWA nonmyd series, offering an elite camera that is easier than ever to operate.

Auto switching from anterior mode to fundus mode



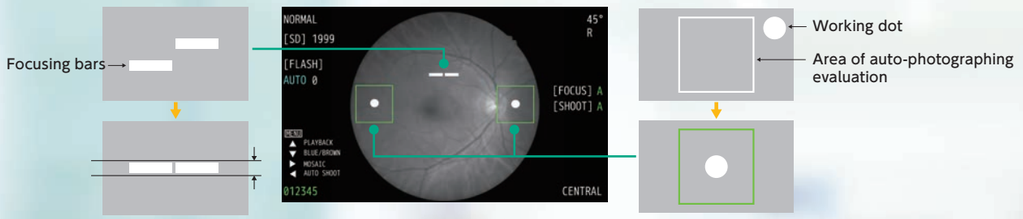
【Anterior mode】
Align the working dots to proper position

【Fundus mode】

Auto focusing & auto shooting

Once switched to fundus mode, the camera focuses automatically.*
Aligning working dots activates shooting.

*Angle of view : 45°　Internal fixation target: Central



Automatically linearized

Auto-shooting when the area frame turns green

Auto exposure**

Flash intensity automatically adjusts to the measured amount of infrared light.

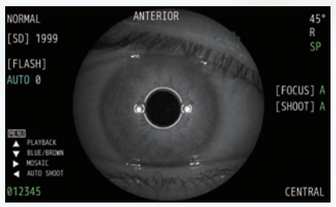
**except for the US market

Low flash intensity

Flash intensity is less than its predecessors.

Small pupil mode

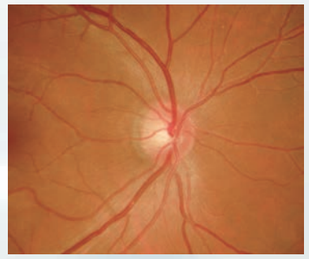
Allows you to take fundus photographs on patients with pupils as small as 3.3mm.



Dedicated digital camera

Equipped with a 5 megapixel digital camera tuned for fundus photography, color information is optimally adjusted and the color tones of the retina and blood vessels are reproduced realistically.

【Angle of view:45°】



【2× optical zoom】

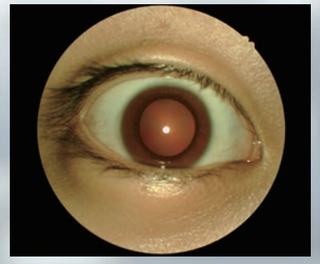
Optical zoom

Excellent for detailed observation. Optical zoom offers a high quality image without losing resolution.

Improved operability

The focus knob is located right at the fingertips to improve operability when photographing manually.

Anterior photography



Mosaic function