

Welch Allyn RetinaVue™ 100 Imager



Introducing the world's most advanced handheld fundus camera, designed to make diabetic retinopathy screening **SIMPLE** and **AFFORDABLE** for primary care.

- One-third the cost of full-size fundus cameras
- Touchless auto-focus and image capture support ease of use
- Automatic evaluation of image helps ensure quality
- Fast, non-mydriatic exam promotes patient comfort



WelchAllyn®

The RetinaVue 100 Imager is designed to work exclusively with the RetinaVue Network. Viewing and transferring the images acquired by the RetinaVue 100 Imager requires the customer to purchase a RetinaVue service contract for interpretation services directly from RetinaVue P.C.

For information on the RetinaVue Network, visit www.retinavue.com

RetinaVue 100 Imager Technical Specifications

Field of View	45 degree (Typical)
Diopter Range	-20 ~ +20 diopter (Typical)
Dimensions	Length: 8.8 inches (224.2 mm) Width: 4.2 inches (106.7 mm) Height: 4.1 inches (105.2 mm)
Weight	565 grams
Illumination	Preview Mode: Infrared LED Image Capture: Natural White LED
Focus	Thru-focus and Manual Focus
Camera Resolution	1920 × 1080 pixels
LCD Monitor	3.5 inch Full Color TFT-LCD
Image Format	Encrypted JPEG, DICOM
Interface	Micro USB
File Transfer	Micro USB Port to PC running RetinaVue Network Client File Storage: SD Card, default 8 GB. Supports 2 G to 32 GB by FAT32 format.
Battery	Rechargeable Lithium Battery 3.6 V / 1950 mAh
Mains Power	100-240 VAC, 50/60 Hz
Power Adapter	Input: 100-240 VAC, 50/60 Hz, 0.3 A; Output: 5 V DC, 2 A
Charging Dock	Input: 5 V DC, 1.2 A
Operating Time	Three hours with cycle time of five minutes in working mode and 15 minutes in sleep mode
Charging Time	Five hours via the RetinaVue Charging Dock

Ordering Information

RV100-B	Welch Allyn RetinaVue 100 Imager (includes Charging Dock, Reusable Eye Cup, USB Cable, Lithium-Ion 3.6 V Battery; One Year Partners in Care SM Comprehensive Program)
723481	Lenovo [®] ThinkPad [™] Laptop for RetinaVue Network
106404	Reusable Eye Cups; Qty. 5
106405	3.6 V Lithium-Ion Battery
106401	Charging Dock
106618	Premium Carry Case with shoulder strap
S1-RV100-1	Welch Allyn Partners in Care Comprehensive Partnership Support Agreement for RetinaVue 100 Imager, Additional One Year
S1-RV100-2	Welch Allyn Partners in Care Comprehensive Partnership Support Agreement for RetinaVue 100 Imager, Additional Two Years
S1-RV100-1P	Welch Allyn Partners in Care Comprehensive Partnership Premium Support Agreement for RetinaVue 100 Imager, One Year
S1-RV100-2P	Welch Allyn Partners in Care Comprehensive Partnership Premium Support Agreement for RetinaVue 100 Imager, Two Years



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