



Welch Allyn® RetinaVue® 100 Imager Retinal Camera

Introducing the world's most advanced handheld retinal camera, designed to make retinal exams **SIMPLE** and **AFFORDABLE** for primary care settings.

- One-third the cost of tabletop retinal cameras
- Touchless auto-focus and image capture support ease of use
- Proprietary image-quality evaluation eliminates callbacks for re-imaging
- Fast, non-mydriatic exam promotes patient comfort



WelchAllyn®

The RetinaVue 100 Imager is designed to work exclusively with RetinaVue Network software. A RetinaVue Network software agreement is required and priced on a per camera, per month basis.

The Welch Allyn RetinaVue care delivery model is designed to help primary healthcare providers improve patient outcomes while lowering population healthcare costs. Learn more at 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	Automatic and Manual Focus
Camera Resolution	2048 × 1536 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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