



## Welch Allyn RetinaVue® 100 Imager

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

- Flexible workflow options allow access to images via HIPAA-compliant, FDA-cleared RetinaVue Network software
- One-third the cost of tabletop retinal cameras
- Touchless features include auto-focus, auto-flash and auto-image capture to support ease of use
- Proprietary QA algorithm automatically provides image-quality assessment score
- Fast, non-mydratic exam promotes patient comfort
- Lightweight and portable for mobility across multiple locations
- Advanced optical system enables image acquisition on pupils as small as three millimeters



**WelchAllyn®**

The RetinaVue 100 Imager is designed to work exclusively with the HIPAA-compliant, FDA-cleared 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](http://www.retinavue.com).

## RetinaVue 100 Imager Technical Specifications

Field of View	45 degree (Typical)
Diopter Range	-20 to +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 GB to 32 GB by FAT32 format.
Battery	Rechargeable Lithium Battery 3.6 V / 1950 mAh
Main 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 <sup>SM</sup> 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 <b>Premium</b> Support Agreement for RetinaVue 100 Imager, One Year
S1-RV100-2P	Welch Allyn Partners in Care Comprehensive Partnership <b>Premium</b> Support Agreement for RetinaVue 100 Imager, Two Years

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