



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.

RetinaVue 100 Imager Technical Specifications

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| 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

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| 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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