

Welch Allyn

RetinaVue® 100 Imager Pro



The world's most advanced handheld retinal camera, designed for providers with existing teleretinal software networks and eye specialists who need great image quality and portability.

- Flexible workflow options allow access to images directly or via HIPAA-compliant, FDA-cleared RetinaVue Network software
- Touchless features include auto-focus, auto-flash and auto-image capture to support ease of use
- Low cost, at up to half the price of tabletop retinal cameras
- Lightweight and portable for mobility across multiple locations
- Proprietary QA algorithm automatically provides image-quality assessment score
- Advanced optical system enables image acquisition on pupils as small as three millimeters



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RetinaVue 100 Imager Pro 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	Thru-focus and Manual Focus
Camera Resolution	2048 x 1536 pixels
LCD Monitor	3.5 inch Full Color TFT-LCD
Image Format	Unencrypted JPEG, DICOM (standalone use). Encrypted JPEG, DICOM (with RetinaVue Network software).
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 5 minutes in working mode and 15 minutes in sleep mode
Charging Time	Five hours via the RetinaVue Charging Dock
Standards	ISO 10940:2009

Ordering Information

RV100PRO-B	Welch Allyn RetinaVue 100 Imager Pro (includes Charging Dock, Reusable Eye Cup, USB Cable, Lithium-Ion 3.6 V Battery, One-year Partners in Care SM Comprehensive Program, and Unencrypted Image Access); On-site training is not included.
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
1001250	RetinaVue On-site Training (up to three hours)
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

For more information, visit www.welchallyn.com/RV100Pro.

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