

phoenix | ICON GO™

Retinal Imaging. Reimagined.

A wide-angle, hand-held retinal imaging system that delivers stunning, high-resolution, high-contrast images - on both light and dark retinas



- Light-weight, portable system
- Image on battery for up to 6 hours
- Ideal for remote screening or large campuses. Works smoothly with telemedicine
- Powerful, intuitive software with native multi-facility support
- Unique cleaning features make infection control easy and trackable
- Enterprise-grade security built-in with a hardened version of Windows, encryption, role-based user management, and audit logging
- Ready for integration with healthcare information systems with included DICOM connectors



Specifications:

IMAGE CAPTURE

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| ILLUMINATION | Phoenix Direct Illumination™, designed for high resolution and high contrast imaging while reducing scatter at the edge of the field of view |
| ZOOM | Real-time, on-screen zoom with ability to pan across the magnified field of view |
| LIGHT SOURCE: FUNDUS | Interchangeable white LED light module in hand piece |
| LIGHT SOURCE: IVFA | Interchangeable blue LED light module in hand piece for fluorescein angiography (not yet available in the US) |
| FILTER SELECTION | Easily activate barrier filter selection in the hand piece, for fluorescein angiography imaging (no disassembly required) |
| LENS | Single lens provides 100-degree wide field of view for retina survey, with illumination throughout the field of view, and the same resolution as a legacy 30° high mag lens |
| CONTROLS | Keyboard, foot pedal, and touch screen, including illumination and gain controls to optimize image quality and patient comfort |
| VIDEO STREAMING | 30 fps |
| VIDEO CAPTURE | Up to 2 minutes of 15 fps video, with single frame export option |
| CAMERA GAIN | 0 - 48 dB |
| SENSOR | Low-noise 3 megapixel CMOS sensor matched to optical resolution of patented optics system |
| IMAGE EXPORT OPTIONS | 6MB Raw (TIFF) with and without patient data JPEG (compressed) with or without patient data DICOM with patient data |

PACS/RIS INTEGRATION

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| IMAGE TRANSFER | Easily export images for automatic transfer to a DICOM-compliant PACS using C-STORE |
| FAIL-OVER | Support a secondary PACS for auto fail-over if primary PACS is unavailable |
| CONFIGURABILITY | Configure AET, IP address, ports, transfer syntax and other key DICOM parameters |
| LOGGING | Log of all image transfers with send status, date, and time |
| MODALITY WORKLISTS | Download modality worklist from PACS/RIS and eliminate patient data entry on the Phoenix ICON Camera |

COMPUTER AND TRANSIT CASE

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| WEIGHT | 17.5 lbs., 37 lbs in transit case, 55 lbs overall shipping weight |
| FOOT PRINT | Unit suitable for table top use 16.8" x 12.7" x 2.2" (holster down), 19.7" x 12.7" (holster arm up-can overhang a table) 28" x 24" x 20" overall shipping dimensions |
| COMPUTER | Included laptop with touchscreen, 16GB memory, 1TB hard drive, Intel Core i7 8th Gen |
| DISINFECTION | Built-in soaking cup, for cleaning hand piece tip, and software soak timer with disinfection log |
| BATTERY | Includes a rechargeable battery and external charger. Image on battery up to 6 hours |
| DISPLAY | 15" high-definition touch screen |
| NETWORK | WiFi |
| OPERATING SYSTEMS | Hardened Windows 10 Pro |
| SECURITY FEATURES | Security event logging, operator usernames and roles, encryption, strong passwords |
| FIREWALL | Built-in software firewall enabled |
| ELECTRICAL | Operates on battery. Charges with 220V or 110V AC 50-60 Hz city current |

WARRANTY

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|---------------------|---|
| INCLUDED WARRANTY | 1 year |
| ADDITIONAL WARRANTY | 3rd year additional warranty available for purchase |