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

Phoenix ICON™ is a trademark of Phoenix Technology Group, LLC. Phoenix ICON™ is covered by one or more patents, including 10,244,943, 9,872,618, 9,622,657, 7,993,000. ©2020 Phoenix Technology Group, LLC

Specifications:

IMAGE CAPTURE

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

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

COMPUTER AND TRANSIT CASE

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	One 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

INCLUDED WARRANTY	2 years
ADDITIONAL WARRANTY	3rd year additional warranty available for purchase