

phoenix | ICON™

Image Quality you can See

- Stunning high contrast, high resolution images, even on darkly pigmented retina
- Light weight cart
- Image on battery for up to 6 hours
- Cleared for fundus and fluorescein imaging in more than 50 countries, including: the US, the European Union, Singapore, Hong Kong, South Africa and more
- Improved DICOM connector eliminates data entry on camera, integrates with hospital and clinic workflow



Quality you can see

Image taken with legacy retinal camera

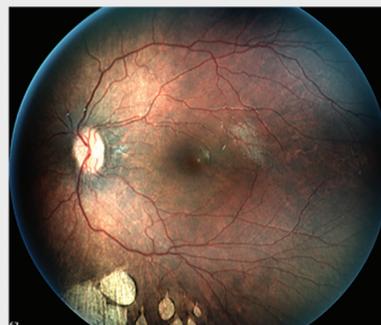
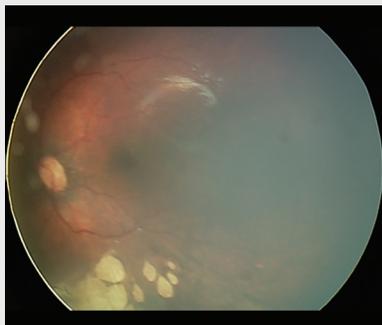


Image taken with Phoenix | ICON wide-field Retinal Image System

Same patient - Two different imaging systems

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 zoomed field of view
LIGHT SOURCE: FUNDUS	Light weight, interchangeable LED light module in hand piece
LIGHT SOURCE: IVFA	Light weight, interchangeable blue LED light module in hand piece for fluorescein angiography
FILTER SELECTION	Switch activated filter selection in the hand piece, for changing between fundus and FA 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	Keypad, 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	High-sensitivity, low-noise 3 mega pixel sensor, matched to high optical resolution, to deliver high-resolution and high-contrast images
IMAGE EXPORT OPTIONS	8MB Raw (TIFF) with or 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	Configure a secondary PACS for auto fail-over if primary PACS is unavailable
CONFIGURABILITY	Easily set AET, IP address, transfer syntax, and other key DICOM parameters
LOGGING	Audit log of all image transfers with send status, date, and time
MODALITY WORKLISTS	Download imaging worklist from PACS/RIS and eliminate patient data entry on the Phoenix ICON Camera

COMPUTER AND CART

WEIGHT	140 lbs. Overall
FOOT PRINT	20" x 24" with 4 locking wheels
HEIGHT	Adjustable 52" to 66" motorized lift adjusts to sitting or standing clinician
STORAGE AND WORK SURFACE	18" by 14" work surface with pull-out drawer for storage
BATTERY	6 hours between charges
DISPLAY	21.5" high definition touch screen (1920 x 1080 resolution)
COMPUTER	2.4 GHz, 16 GB of 1600 MHz RAM, 500 GB hard drive, accelerated graphics processor
OPERATING SYSTEMS	Windows 7 Pro (Free upgrade to Windows 10 in 2019)
I/O PORTS	USB 3.0 and RJ-45 Ethernet
FIREWALL	Built-in software firewall enabled
ELECTRICAL	220V or 110V AC 50-60 Hz city current

WARRANTY

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