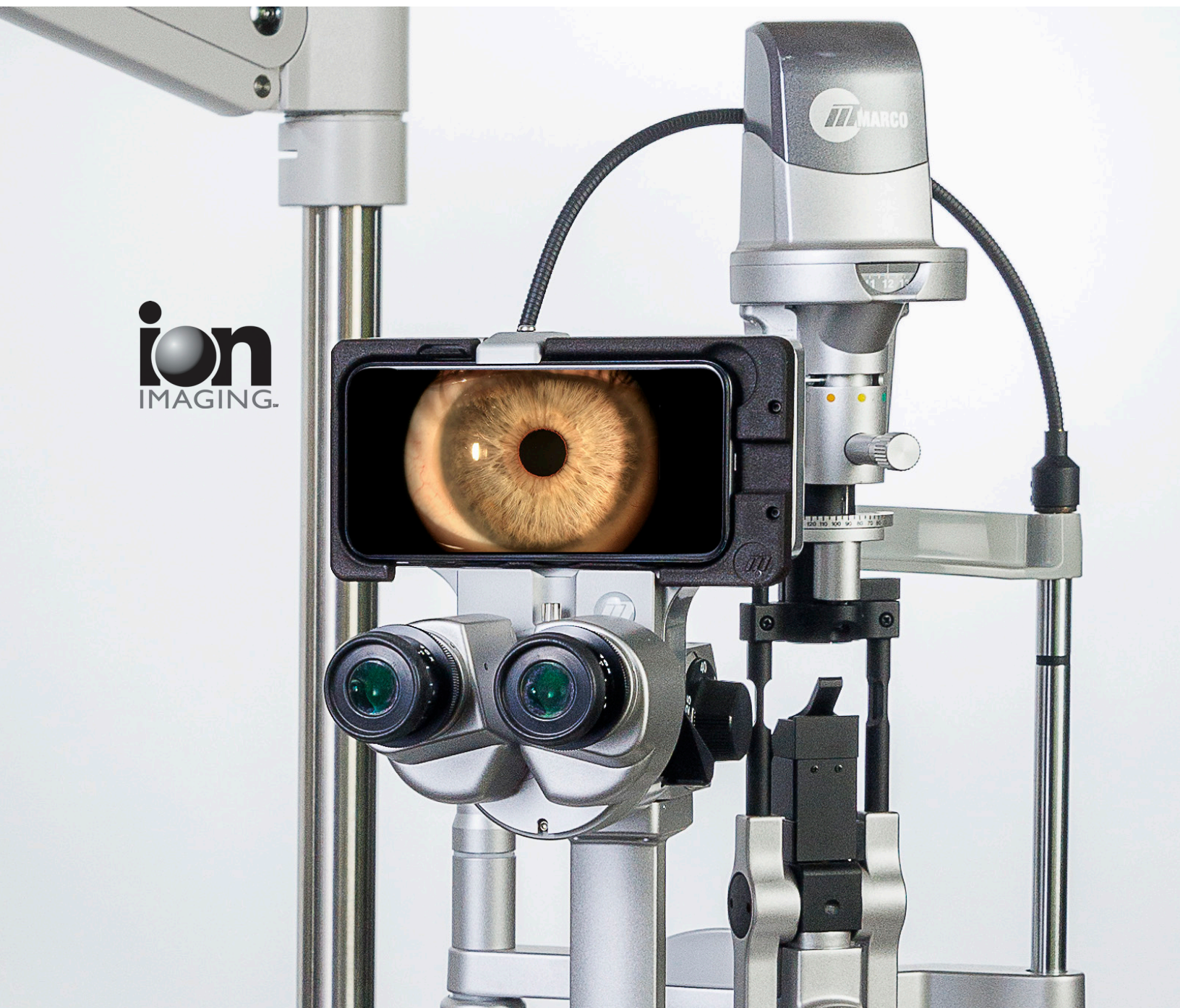INTUITIVE | OPTIMIZED | NETWORKED

MARCO

iON
IMAGING℠

MARCO iON IMAGING℠

Capture, diagnose, integrate, and educate

MARCO iON IMAGING℠ SYSTEM

iON IMAGING

Marco has redefined slit lamp imaging by combining an intra-optics beam-splitter/camera adapter with the tremendous computing and imaging power of Apple® technology. Together, they create a highly sophisticated imaging system that emphasizes image quality, simplicity, and efficiency.

The iON Imaging℠ System cuts out the bulky components (digital camera, adapter, computer, monitor, multiple cables, keyboard, mouse, etc.) of a traditional photo slit lamp. The sleek, all-in-one device makes it easier than ever to capture, diagnose, integrate, and educate.

Plus, the iON is compatible with most parallel style slit lamps from many of the top manufacturers on the market. This modular device is so convenient and affordable that you'll want one for every exam room!

INTUITIVE

- The world's best known and most user-friendly OS
- Simple but powerful proprietary app designed by ophthalmic photographers
- Touch, click, or tap to capture high resolution video or still images
- Ergonomic "all-in-one" design (eliminating bulky cables, PC, monitor, keyboard, mouse and software)
- Start the app and you're ready to capture

OPTIMIZED

- All controls at your fingertips in heads-up display
- Image, diagnose, integrate, and educate in seconds
- Educate your patients using an Apple TV or other mirroring technology
- Unique "intra-optics" beam-splitter/adapter/mount
- Harnesses the power of Apple's sophisticated imaging technology
- Enhances workflow by eliminating disruptions to the standard slit lamp examination process
- Easily update software via the App Store
- Bluetooth foot control, joystick, or touch screen capture

NETWORKED

- Wirelessly display images on your exam room monitors
- Images instantly available in NAVIS-EX* or for uploading to your EHR or PACS
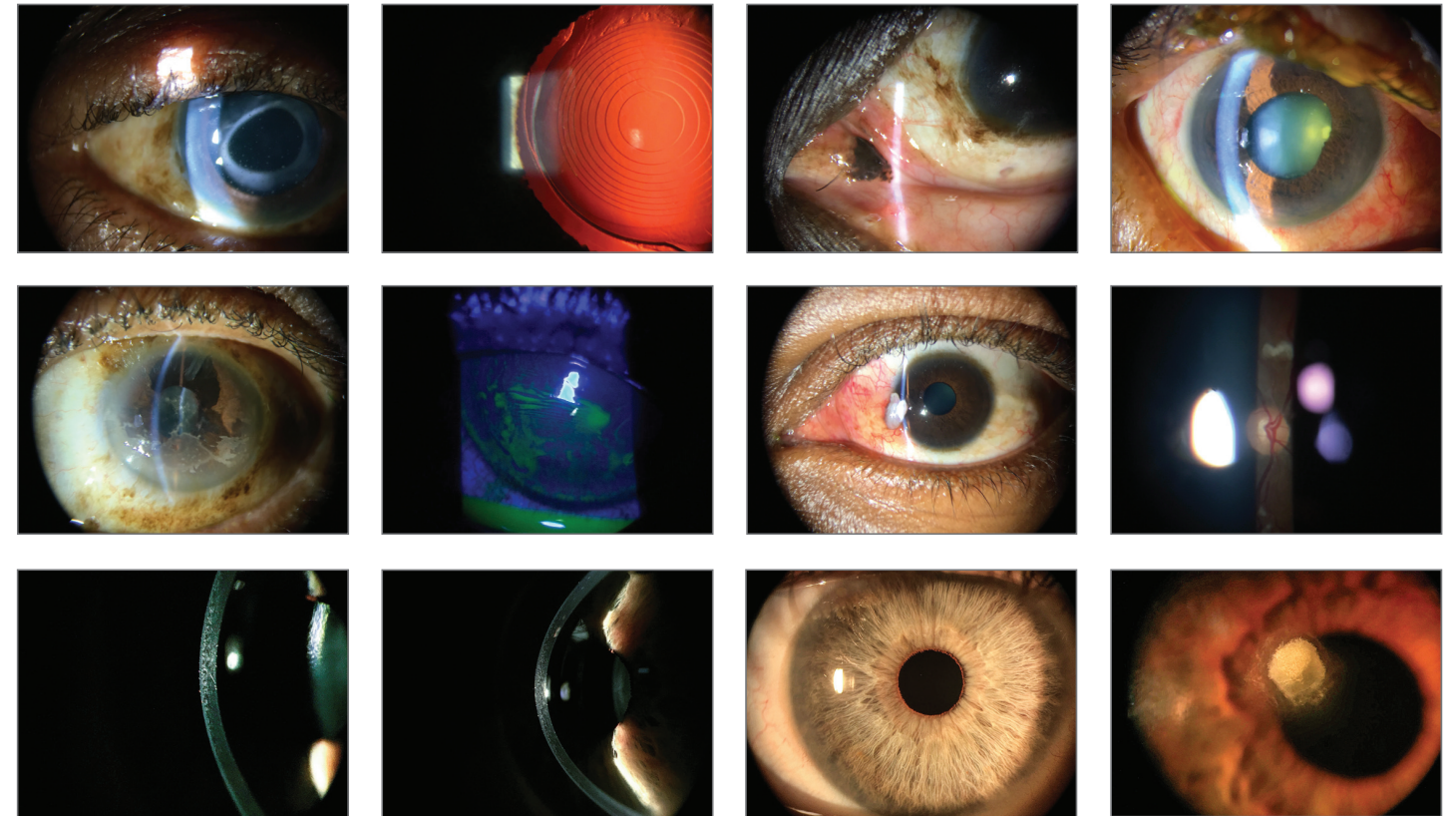- Archive, view, and share images immediately in the Cloud

The iON's slit lamp imaging app is HIPAA compliant and includes:
- Still image (JPG or DICOM) or HD video capture
- Patient demographics
- Review gallery
- WiFi export to LAN for EMR or PACS integration and auto Cloud storage

NAVIS-EX EXTRA

NAVIS-EX is a fully networked imaging management system with features that enhance the diagnostic utility of the iON images. NAVIS-EX allows seamless integration with most EMR vendors.

I really enjoy the simplicity of the iON Imaging System.

> Patients enjoy being able to see images of their own eyes, especially when its nothing too serious, and I use the images for patient education as well as to document more severe conditions of the anterior segment. Once the images are automatically exported, I can upload them into my EHR and easily share them with other doctors as needed."
>
> —John Warren, OD Warren Eye Care | Racine, WI

> The iON slit lamp camera allows us to acquire great pictures and it's extremely easy to use. The resolution of the final images is excellent and of publication quality. I would recommend it to anyone looking for an efficient, high quality imaging system."
>
> —Paul H. Ernest, MD Specialty Eye Institute | Jackson, MI

TECHNICAL SPECIFICATIONS

HARDWARE	
Type	Intra-optics beam-splitter/adapter
Beam-Splitter	2-position lever; down=100% to oculars; up=70% to camera/30% to oculars
Dimensions	7" x 2.5" x 6.5"
Weight	3 lbs.
Image Capture via	Bluetooth activated foot switch or joystick button (Marco slit lamps only)
Camera	12MP camera; ƒ/1.6 aperture (iPhone 12)
Display	Super Retina XDR OLED 6.1" display
Camera Resolution	2532 x 1170 pixel resolution at 460 ppi
Video Resolution/FPS	4K & 1080p HD video recording (30 fps or 60 fps)
Contrast Ratio	2,000,000:1 contrast ratio
Processor	A14 Bionic chip

SOFTWARE	
Operating System	Apple® iOS 9 & above
Export To	Local network, cloud storage, and iOS/Photos
Capture Modes	Still image or HD video
Security	HIPPA compliant, password protected, AES encryption
Imaging Technology	Apple® HDR, Focus Pixel, Optical Image Stabilization technology
Networking	Via Wi-Fi connection
Included in the Box	iON beam-splitter/adapter, iON imaging app, bluetooth control unit, power adapter with 2-USB ports, 6' USB cable, foot switch with 10' cable, 10' lightning iPhone charging cable, 10 adhesive cable tie mounts, 14 4" cable ties, 2 1" x 1" adhesive velcro, and 2 vinyl lens covers

Apple® is a trademark of Apple Inc.

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