### Hardware

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Intra-Optics Beam-Splitter/Adapter</td>
</tr>
<tr>
<td>Dimensions</td>
<td>7” x 2.5” x 6.5</td>
</tr>
<tr>
<td>Weight</td>
<td>4 lbs</td>
</tr>
<tr>
<td>Image Capture via</td>
<td>Bluetooth activated Foot-Switch or Joystick Button (Marco Slit Lamps only)</td>
</tr>
<tr>
<td>Camera*</td>
<td>Apple® iSight 8MP/1.9µ pixels (iPhone 6 Plus) or 12MP/1.22µ pixels (iPhone 6S Plus)</td>
</tr>
<tr>
<td>Display</td>
<td>Apple® Retina HD Display; 5.5-Inch Diagonal LED Backlit</td>
</tr>
<tr>
<td>Camera Resolution</td>
<td>1920 x 1080 Pixels at 401fps</td>
</tr>
<tr>
<td>Video Resolution/FPS</td>
<td>1080p HD video recording (30 fps or 60 fps)</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>1300/1</td>
</tr>
<tr>
<td>Processor</td>
<td>All (6 Plus) &amp; All (6S Plus) chip with 64-bit architecture</td>
</tr>
</tbody>
</table>

### Software

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System*</td>
<td>Apple® iOS 9</td>
</tr>
<tr>
<td>Export To</td>
<td>Local Network; Dropbox Storage &amp; iOS/Photos</td>
</tr>
<tr>
<td>Capture Modes</td>
<td>Still Image or HD Video</td>
</tr>
<tr>
<td>Security</td>
<td>HIPAA Compliant; Password Protected; AES Encryption</td>
</tr>
<tr>
<td>Imaging Technology*</td>
<td>Apple®’s HDR, Focus Pixel, Optical Image Stabilization technology</td>
</tr>
<tr>
<td>Networking*</td>
<td>Via Wi-Fi Connection</td>
</tr>
</tbody>
</table>

### Included in the Box

- iOpt Beam Splitter/Adapter
- iOpt Imaging App
- Bluetooth Control Unit
- Power Adapter with 2-USB ports
- 8' USB Cable
- Footswitch with 10' cable
- 10' Lightning iPhone Charging Cable
- 10 Adhesive Cable Tie Mounts
- 14 4” Cable Ties
- 2 1” x 1” Adhesive Velcro
- 2 Vinyl Lens Covers

*Customer supplied items. Apple® is a trademark of Apple Inc.

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All automated Marco technologies share data and integrate with leading EMR programs via Marco Connect software.
EMPOWERMENT  Delivering your diagnosis – as you make it

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

Imagine combining all of the bulky components (digital camera, adapter, computer, monitor, multiple cables, keyboard, mouse, etc.) of the traditional photo slit lamp, into one sleek, attractive all-in-one device, all at your fingertips, never having to leave your slit lamp. Its function allows us to respect and remain consistent with, the fundamental slit lamp examination process – without compromise or disruption. Introducing ‘ion Imaging’ from Marco.

intuitive
• The world’s best known and most user friendly OS
• Simple but powerful proprietary Slit Lamp Imaging App designed by Ophthalmic Photographers
• Touch, click or tap to capture high resolution video or still images
• Diagnose, image, integrate & educate in seconds

optimized
• All controls at your fingertips in heads-up display
• App specifically designed for Anterior Segment Imaging with patient demographics
• Speed of acquisition, integration to network and education for patients
• Unique “intra-optics” beam-splitter/adapter/mount
• Accommodates most “parallel style” slit lamps

networked
• Imaging capability in every exam room
• Wirelessly display your images on your exam room monitors
• Images instantly available in NAVIS-EX or for uploading to your EHR or PACS

ion imaging
An App dedicated to Anterior Segment Imaging that includes:
• patient demographics, pre-set photography modes maximizing the various lighting techniques for video or still images, auto storage to the Cloud, local network for EMR or PACS integration.
A system that you will want in every exam room, not missing the opportunity to capture, integrate and educate every diagnosis.

• Educate your patients using the latest technology (Apple® TV or Mirroring App)
• Update software via the App Store
• Ergonomic “All-in-One” design (eliminating bulky cables, PC, monitor, keyboard, mouse and software)
• Start the App and you’re ready to capture

• Harnesses the power of Apple® with its exclusive HDR, “Focus Pixel” technology & more
• Enhanced clinical workflow by decreasing disruptions
• Respects the fundamental SL examination process – without compromise
• Sleek non-intrusive design

• Archive, view, and share images immediately in the Cloud
• Bluetooth foot control or joystick capture

NAVIS-EX
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.

What Professionals are Saying:
“With the ion’s ease of use, image quality and all around thoughtfulness of design functionality I was able to quickly use this instrument as I found it to be efficient and intuitive. Each button is well thought out and placed for maximum utility within the design. I was able to quickly create outstanding anterior segment images with the ion imaging system. Due to its portability and affordability I can definitely see the usefulness of this system within practices, multi-office/multi-specialty facilities, teaching institutions, and for remote access utilizing a telemedicine system.”

Denise Barsness, CRA, COMT, ROUB, CDOS, FOPS
CPMC Department of Ophthalmology

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