Innovative Capsule Endoscope
**Longer Operation Time**
A key clinical concern of capsule endoscopy is an incomplete examination (i.e., failure to image the entire small bowel due to a short operation time). MiroCam’s 12 hour operation time effectively mitigates this concern, while also capturing more images per second for a thorough diagnostic review of the small bowel.

**Smaller Capsule Size**
MiroCam’s size of 10.8 X 24.5 mm

**Higher Frame Rate**
MiroCam’s higher frame rate of 3 images per second significantly increases the chance of observing all findings as the capsule passes through the GI tract.

**Wider Field of View**
MiroCam’s precision lens provides a 170 degrees field of view, enabling exceptional visual coverage of the small bowel mucosa.

**Higher Quality Images**
MiroCam captures and delivers exceptionally high quality images. With the highest resolution of 320x320, advanced optics, and auto lighting control, MiroCam produces clear, bright images with deep visualization of the small bowel.

Images of different intestinal conditions:
- Esophagus
- Stomach
- Small Bowel
- Polyp
- Bleeding
- Ulcer
- Crohn’s
- Diverticulum
- Celiac
**MiroCam® Capsule**

MiroCam® capsule endoscope offers a wider field of view of 170 degrees which enables a more thorough diagnosis of the small bowel.

**MiroCam® Navi**

MiroCam® Navi uses magnetic force to control the movement of capsule endoscope.
- Deliver an immobilized capsule safely from the esophagus and stomach into the duodenum.
- Control the movement of the capsule by viewing the images in real time.

**MiroCam® Green**

MiroCam® Green is a mercury-free battery capsule.

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<table>
<thead>
<tr>
<th></th>
<th>MiroCam® (MC1000-W)</th>
<th>MiroCam® Green (MC1000-WG)</th>
<th>MiroCam® Navi (MC1000-WM)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Size</strong></td>
<td>10.8x24.5mm</td>
<td>10.8x24.5mm</td>
<td>11x25.5mm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>3.25g</td>
<td>3.25g</td>
<td>4.20g</td>
</tr>
<tr>
<td><strong>Light</strong></td>
<td>6 white LED</td>
<td>6 white LED</td>
<td>6 white LED</td>
</tr>
<tr>
<td><strong>Field of View</strong></td>
<td>170°</td>
<td>170°</td>
<td>170°</td>
</tr>
<tr>
<td><strong>Depth of View</strong></td>
<td>0~30mm</td>
<td>0~30mm</td>
<td>0~30mm</td>
</tr>
<tr>
<td><strong>Frame Rate</strong></td>
<td>3FPS</td>
<td>3FPS</td>
<td>3FPS</td>
</tr>
<tr>
<td><strong>Operation Time</strong></td>
<td>12hours</td>
<td>12hours</td>
<td>8hours</td>
</tr>
</tbody>
</table>

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MiroCam® Navi Controller
MiroCam® Receiver

* Faster Upload

**Wireless Real Time View function via netbook/iPhone and iPad**
- **USB Real Time View**
  USB Real Time Viewer function is available through MiroView™ RTV software by connecting the Receiver with netbook or laptop via USB cable
- **Wi-Fi Real Time View**
  Wi-Fi Real Time Viewer function is available for iPad and iPhone only
  (Downloadable MiroView™ RTV App is available from iTunes)

HDRI, New Effective Image Processing Technology
- HDRI (High Dynamic Range Image) is available for MR1100 Receiver only

Conventional | HDRI | Conventional | HDRI
MiroView™ 2.5 Advancements

The MiroView™ software platform has been significantly enhanced through new features and design, including interoperability with PACS system, network support and new effective image processing technology called HDRi (High Dynamic Range Imaging) has been developed.

**Enhanced Interface**
Enables a faster, more comfortable user experience.

**Express View**
Second generation quick view mode streamlines the review process.

**Range View & Map View**
Innovative viewing modes assist with identifying GI landmarks more readily.

**Reporting Tool**
Enhanced design and new features simplify the reporting process.

**High Dynamic Range Imaging (HDRi)**
Provides high dynamic range of intensity levels found in real image, enabling doctors to find pathologies more easily. (HDRi is available for MR100 Receiver only)

**MiroView™ Network System**
MiroView™ network readily integrates with hospital networks; enabling remote access for multiple users and PACS connectivity (supports DICOM).

**MiroView™ i**
Now read patient files on iPad
MiroView™ i is a software application that enables doctors to read patient files anytime and anywhere on the iPad. MiroView™ i is compatible with MiroView Client 2.0 and up.

**Review Screen**
MiroView™ i Review Screen enables the reviewing of the patient studies in Normal, Express, and S28 Playback Modes in Single, Dual, and Quad View Modes.

**Report Screen**
MiroView™ i Report Screen enables a more effective editing of the captured images from the patient studies.
Capsule Endoscopy Procedure

MiroCam® system enables a safe, effective & patient friendly capsule endoscopy procedure

1. Patient Preparation
   - Prior to procedure physician informs patient of the preferred preparation (i.e., liquid diet/fasting/ laxative preparation)
   - Prepare MiroCam® Receiver
   - Place sensor pads and Receiver on patient

2. Capsule Ingestion
   - Patient ingests capsule
   - Patient informed of when water, food, and medication can be taken for the duration of the Procedure

3. Image Capture
   - Capsule is naturally passed through the GI tract while taking images
   - Images are captured for a minimum of 11 hours

4. Review & Report
   - Data is uploaded to MiroView™ workstation from the Receiver
   - Physician reviews images and generates clinical report

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**Workstation**
Operational platform for MiroView™ software

**Receivers (MR1000 & MR1100)**
Receives and stores images from the MiroCam® capsule during CE procedure (HDR is available for MR1000 only)

**Data Cable & Data Belt**
Data cable and abdominal disposable data belt, simple and easy to attach

**Notebook Computer**
MiroView™ software is also available for notebook computers

**Receiver Shoulder Bag**
Simple and comfortable carry bag worn by the patient during CE procedure

**Battery Charger**
Quick charging to allow more examinations