Innovative Capsule Endoscope
**MiroCam**

**Capsule Endoscopy Advantages**

**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 11 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 is easier to swallow.

**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 degree 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 GI tract.

Images of different conditions:
- Esophagus
- Stomach
- Small Bowel
- Tumor
- Bleeding
- Ulcer
- Crohn’s
- Angiectasia
- Cellac
MiroCam® Capsule

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

MiroCam® Navi

MiroCam® Navi uses the 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.

<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>Size</td>
<td>11x34mm</td>
<td>11x34mm</td>
<td>11x34mm</td>
</tr>
<tr>
<td>Weight</td>
<td>3.25g</td>
<td>3.25g</td>
<td>4.20g</td>
</tr>
<tr>
<td>Light</td>
<td>6 white LED</td>
<td>6 white LED</td>
<td>6 white LED</td>
</tr>
<tr>
<td>Field of View</td>
<td>170°</td>
<td>170°</td>
<td>170°</td>
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<tr>
<td>Depth of View</td>
<td>0~30mm</td>
<td>0~30mm</td>
<td>0~30mm</td>
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<tr>
<td>Frame Rate</td>
<td>3FPS</td>
<td>3FPS</td>
<td>3FPS</td>
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<tr>
<td>Operation Time</td>
<td>12 hours</td>
<td>12 hours</td>
<td>8 hours</td>
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</tbody>
</table>

MiroCam® Navi Controller
MiroCam® Receiver
Powered by Technology

MR1100 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)
MiroView™ 2.5 Advancements

The MiroView™ software platform has been significantly enhanced through new features and design, including interoperability with PACS system and network support.

- **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

- **Drag Bag**
  Enables gathering of desired images in designated folders created by the user for faster diagnosis. Drag Bag function also assists in faster landmark placement with a simple click and drag motion

MiroView™ Network System

MiroView™ Network readily integrates with hospital networks, enabling remote access for multiple users and PACS connectivity (supports DICOM)

MiroView™ Operator

The MiroView™ Operator software enables streamlined management of the Receivers, users, and system settings. Operator also supports simultaneous connection and management of multiple Receivers. Operator is a separate software program included in MiroView™ workstation.
**Workstation**
Operational platform for MiroView™ software

**Receiver Set and Data Cables**
Receives and stores images from the MiroCam® capsule during CE procedure

**Data Belt (Disposable)**
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

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**Capsule Endoscopy Procedure**

1. **Patient Preparation**
   - Prior to procedure physician informs patient of the preferred preparation (e.g., liquid diet/fast ing/medication 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 Receiver
   - Physician reviews images and generates clinical report

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