MC1000-1110E

MiroCam

MiroView™

IntroMedic
Discovering Innovations

# Innovative Capsule Endoscope

Address : Suite 1104, E&C Venture Dream Tower 6-Cha, 197-28 Guro-Dong, Guro-Gu, Seoul, Korea 152-719
Tel : +82-2-801-9300 Fax : +82-2-801-9330 e-mail : marketing@intromedic.com www.intromedic.com

CE 0120

EC REP Seda S.p.A
20090 Trezzano s/Naviglio (MI), Via Tolstoi, 7 Italia

CAUTION : Federal (U.S.A) law restricts this device to sale by or on the order of a physician.

# MiroCam®

## Capsule Endoscopy Advantages

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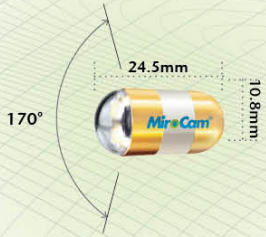
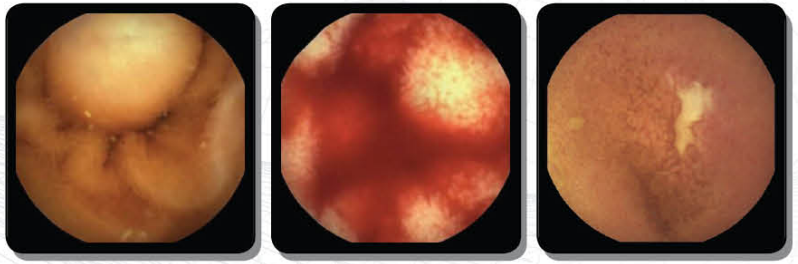



Esophagus | Stomach | Small Bowel



Tumor | Bleeding | Ulcer

### 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

### 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

### Smaller Capsule Size

MiroCam®'s size of 10.8 X 24.5 mm is easier to swallow

### HBC (Human Body Communication)

The core technology behind the image data transmission is IntroMedic's patented HBC (Human Body Communication) technology

### 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

Crohn's | Angiectasia | Celiac

# MiroCam® Capsule

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## MiroCam®

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

## MiroCam® Green

**MiroCam® Green** is a mercury free battery capsule

## 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 real time


MiroCam® Navi Controller

| | MiroCam® (MC1000-W) | MiroCam® Green (MC1000-WG) | MiroCam® Navi (MC1000-WM) |
|---|---|---|---|
| Size | 11X24mm | 11X24mm | 11X24mm |
| Weight | 3.25g | 3.25g | 4.20g |
| Light | 6 white LED | 6 white LED | 6 white LED |
| Field of View | 170° | 170° | 170° |
| Depth of View | 0~30mm | 0~30mm | 0~30mm |
| Frame Rate | 3FPS | 3FPS | 3FPS |
| Opreation Time | 12hours | 12hours | 8hours |

# MiroCam® Receiver

Powered by Technology

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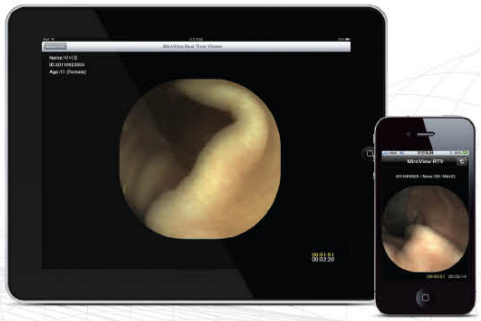
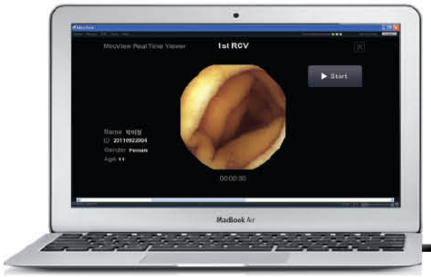
MR1100 Receiver



Wi-Fi communication


USB communication

- 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

Software Platform

Fast, More Effective and Easy to Use

## 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

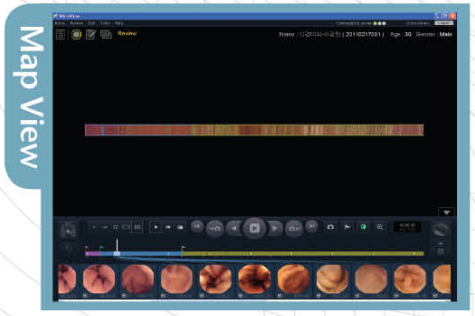
### Reporting Tool

Enhanced design and new features simplify the reporting process

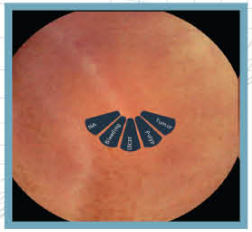
### Drag Bag

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

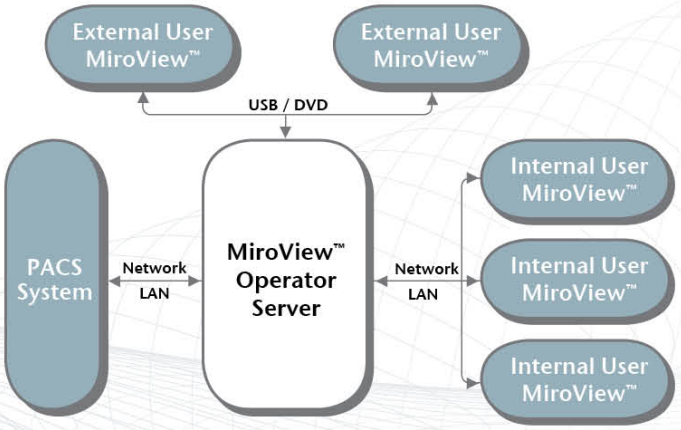

MiroView™'s Review mode is easy to use, enabling efficient and effective viewing of the GI tract




MiroView™'s Map View consists of all images from the procedure, compressed together, ultimately showing the true color of each GI tract

Drag Bag enables the gathering of desired images in one place using a simple mouse drag motion




### MiroView™ Network System

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


### Operator

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

# MiroCam®
## System & Accessories

### 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

# 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

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