

MiroCam®



Smallest Capsule & Highest Resolution

Innovative Capsule Endoscope

Capsule Endoscope MiroCam

Competitive Advantages

I. Highest resolution

- MiroCam captures and delivers the highest quality images
- Highest image resolution of 102,400 pixels

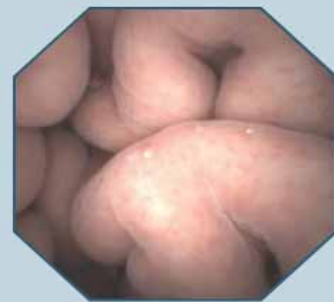
*MiroCam image atlas



• Esophagus



• Stomach



• Stomach



• Small Bowel



• Small Bowel



• Small Bowel



• Colon



• Colon



• Colon

- E-Field Propagation technology
- 320x320 pixel image resolution
- Optimized imaging through automatic brightness control
- 6 white LED lights enable clearest image quality

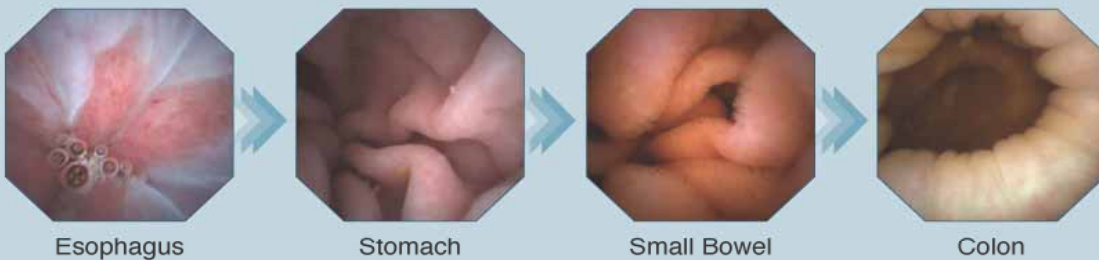
MiroCam[®]

Clearer Images, Longer Operation & More Accurate Diagnosis

State-of-the-art MiroCam is the first capsule endoscope system with E-Field Propagation; a patented technology utilizing the human body as a communication medium. This innovative approach results in the highest image resolution and longest operation time, enabling more accurate diagnosis of the entire small bowel and beyond.

2. Longest operation time

- Longest operation time of more than 12 hours
- MiroCam capsule provides images from the esophagus to the colon; specifically designed for diagnosis of the small bowel

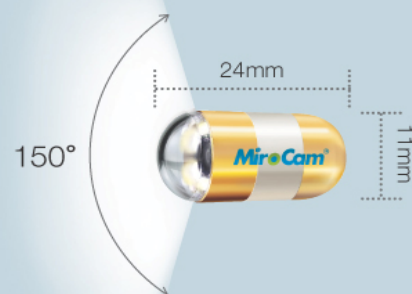


3. Highest frame rate

- MiroCam capsule captures images at 3 frames per second
- At least 118,800 images obtained (during 12 hours)

4. Smallest capsule size

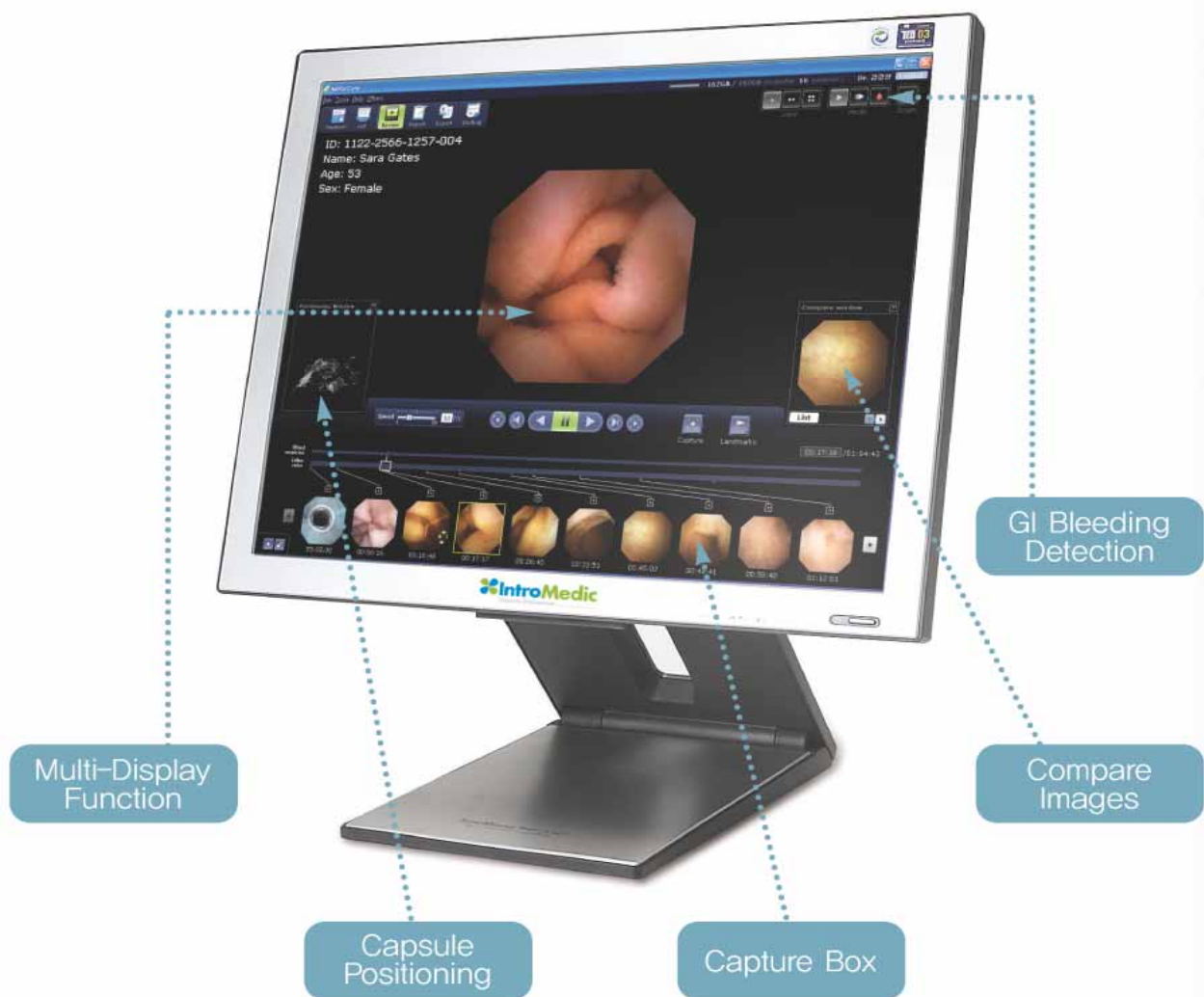
- Smallest capsule size 11 x 24mm
- Small capsule for easy swallowing



5. Widest field of view

- High precision lens system with the widest field of view of 150°
- Capture more detail for a more complete diagnosis

Capsule Endoscope MiroCam Software Platform



* MiroCam software also available for notebook computers



Faster, More Effective & Easy to Use

MiroCam's software is easy to use, allowing a more effective diagnosis in a shorter time.



Time Saving

- **Multi-Display Function** – Dual-View and Quad-View enables simultaneous display of 2 or 4 consecutive images to shorten the viewing time
- **Quick View** – Software automatically excludes similar images, enabling quick and efficient diagnostic review
- **Preview Speed** – Control image display speed to shorten viewing time



Efficient Diagnosis

- **Capsule Positioning** – Indicates the location and progress of the capsule in the GI tract
- **GI Bleeding Detection** – Suspected bleeding areas are automatically selected for display
- **Capture Box** – Stores suspected disease images for review
- **Compare Images** – Compares images to assist diagnosis
- **Zoom Function** – Zooms in on small details



Easy & Advanced Functions

- **Password Protection** – Secure individual access for multiple users
- **Advanced Reporting** – Categorize images for reporting
- **Export** – Store images as pictures or video clips
- **Back-up** – Manage patient data securely and efficiently
- **List-up** – Display patient information on one page

MiroCam Receiver Set

Light & Compact



• Receiver Unit (MR1000-R)
Records sent by the capsule

Receiver set for data transmission by human body (MR1000)

The MiroCam Receiver Set for effective human body communication is light and compact

- Fast upload and initialization
- USB 2.0 for convenient upload
- Data cable designed for patient safety in mind
- Light and compact for ease of use
- Easy to recharge and extra rechargeable batteries
- Upload and battery charging can be done simultaneously



• Sensor Pads (MR1000-S)
Pads attached to the body to collect the images



• Data Cable (MR1000-D)
Reusable cable which accurately transfers image data to the receiver



• Battery Charger (MR1000-C)
Quick charging to allow more examinations



• Receiver Bag (MR1000-G)
Bag design for comfortable wear throughout the procedure

System Specifications



Capsule Endoscope: MC1000

Size	10.6 x 24 mm
Weight	3.25 ± 0.05 g
Frame Rate	2.9 frames / second
Field of View	150 degrees
Battery Life	12 hours
Pixels	102,400
Lighting	6 LEDs
Communication Method	E-Field Propagation



Capsule Endoscope Receiver Set: MR1000

Components

- Receiver Unit: MR1000-R	1 piece
- Battery Pack: MR1000-B	2 pieces
- Data Cable: MR1000-D	1 piece
- Receiver Bag: MR1000-G	1 piece
- System Carrying Case: MR1000-A	1 piece
- Battery Charger: MR1000-C	1 piece
- Adaptor: MR1000-T	1 piece
- Power Cord: MR1000-P	1 piece
- Measuring Tape: MR1000-M	1 piece
- USB Cable: MR1000-U	1 piece
- Sensor Pads: MR1000-S	1 piece

Receiver Unit: MR1000-R

Battery Life	12 hours
Size	8.5 x 140 x 40 mm
Weight	350 g (including battery pack)

Battery Pack: MR1000-B

Type	Lithium-ion storage coil
Capacity	8800 mAh
Voltage	3.7 V
Recharging Time	Approx. 4 hours
Size	73.8 x 84.3 x 21.4 mm

Data Cable: MR1000-D

Channels	9
Length	90 cm

Receiver Bag: MR1000-G

Size	100 x 190 x 55 mm
------	-------------------

System Carrying Case: MR1000-A

Size	480 x 360 x 100 mm
------	--------------------

Battery Charger: MR1000-C

Power source	Adaptor
Size	135 x 105 x 150 mm
Weight	Main Body 350 g

Adaptor: MR1000-T

Weight	240 g
Power source	AC 100-240V / 50-60Hz

Power Cord: MR1000-P

Length	1.5 m
--------	-------

Measuring Tape: MR1000-M

Length	1.5 m
--------	-------

Sensor Pads: MR1000-S

Components	9 / set
------------	---------

EC Representative ; NANOMEDICAL

LARGO DO SEQUEIRA 7 G3 P.E 1100-587 LISBOA

Tel : +351-21-884-3140

e-mail : nuno.nicola@nano-medical.org

CE
0843



IntroMedic Co., Ltd. is a global company which manufactures high performance wireless capsule endoscopes based on unique state-of-the-art data communication technology.

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 / www.intromedic.com
Marketing : marketing@intromedic.com / Help : helpdesk@intromedic.com



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 / www.intromedic.com
Marketing : marketing@intromedic.com / Help : helpdesk@intromedic.com