



See More. Diagnose Smarter.

Enhance your practice with
**CapsoCam Plus® - the only 360°
capsule imaging solution**

Developed with Silicon Valley innovation, the all-new CapsoCam Plus System is a state-of-the-art, user-friendly capsule endoscopy solution.

CapsoCam Plus is designed to improve diagnostic confidence by providing a full 360° panoramic lateral view of the small bowel mucosa.

More detailed imaging and a larger vertical field of view allow for better tissue characterization than previous generations of CapsoCam.

Specifications

Length (mm)	31
Diameter (mm)	11
Weight (g)	4
Battery Life (h)	15 (typical)
Field of View (Deg)	360°
Depth of View (mm)	0-18
Cameras (nos.)	4
LEDs (nos.)	16
Frame Rate (max. fps)	5/camera
Resolution (pixels)	221,884



Higher Resolution. Greater Clarity.

The imaging hardware in CapsoCam Plus has been redesigned and optimized to deliver a more thorough view of the mucosa. With higher resolution and double the memory, CapsoCam Plus provides the most comprehensive imaging available in capsule endoscopy.

Larger vertical field of view displays the full 360° image



CapsoCam Plus image of the small bowel mucosa viewed at 1152 x 212 pixels

More Detailed Imaging Allows For Greater Diagnostic Confidence



Melanoma



Submucosal Mass



Ectasia



"The four cameras with CapsoCam Plus essentially recreate the view I would expect with invasive endoscopy."

DR. MICHAEL H. BASS, GI SPECIALISTS OF DELAWARE

Why Settle for Less?

End-facing capsules have an inherent limitation in imaging the inner curvature of the intestinal wall. In fact, the inability of these capsules to visualize interior landmarks such as the ampulla of Vater is well documented.¹ Studies have shown that faster frame rates and a wider field of view do not overcome this limitation, which could account for missed lesions elsewhere in the small bowel.²

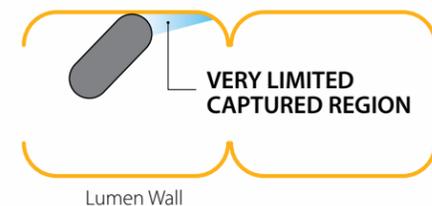
The value of end-facing cameras is further limited by tumbling, incomplete illumination, and the inability to visualize behind mucosal folds.



Disadvantages of End-Facing Cameras



TUNNEL PATTERN
Limiting depth of view causes dark regions where it is hard to see.



WALL PATTERN
Capsule is pressed against wall resulting in very small region being captured.

Tunnel and Wall Pattern Images: Malagelada, C. et al. (2015). Classification of functional bowel disorders by objective physiological criteria based on endoluminal image analysis. Am J Physiol Gastrointest Liver Physiol, 309(6). doi:10.1152/ajpgi.00193.2015

Advantages at Every Turn

By design, CapsoCam Plus overcomes the fundamental imaging limitations of end-facing cameras to provide a more direct, more complete view of the mucosa.

Additionally, the lateral view provided by CapsoCam Plus produces a more stable video, which may reduce reader fatigue.

CapsoCam Plus' auto illumination technology uses 16 independently controlled LEDs to illuminate the circumferential area around the capsule. This technology optimizes the lighting while each image is captured, minimizing the effects of tumbling or other peristaltic activity.

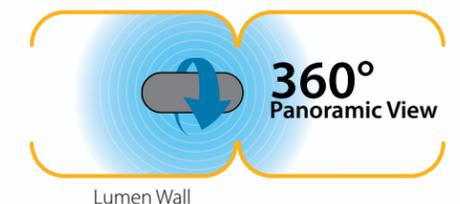


Ampulla of Vater



Crohn's Disease

Four on-board cameras capture high resolution 360° images of the small bowel - providing for a detailed examination of the mucosal surface.



¹Koulaouzidis, A. et al. (2013). Looking forwards: Not necessarily the best in capsule endoscopy? Ann Gastroenterol, 26(4), 365-367.

²Selby, W. S., & Prakoso, E. (2011). The inability to visualize the ampulla of Vater is an inherent limitation of capsule endoscopy. European Journal of Gastroenterology & Hepatology, 23(1), 101-103. doi:10.1097/meg.0b013e3283410210

Save Time. Care Better.

In addition to offering the only 360° view on the market, the CapsoCam Plus capsule endoscopy solution is designed to **minimize procedure room time** by eliminating the hassle and expense of data recorders.



Four Simple Steps to an Accurate Diagnosis

CapsoCam Plus uses a novel, on-board storage system that allows the capsule to operate without transmitting data during the examination, which completely eliminates the need for bulky external equipment.

Since CapsoCam Plus doesn't transmit radio frequency (RF) waves, a CapsoCam Plus examination is **safe for use with implantable devices** such as pacemakers, defibrillators, and insulin pumps.



1 Patient swallows the vitamin-sized CapsoCam Plus.



2 Patient retrieves the CapsoCam Plus with the CapsoRetrieve® tool.



3 Patient data is easily downloaded with the CapsoAccess® system.



4 Physician quickly plays back and reviews patient data with the CapsoView® application.

See the Full Picture.



CapsoView's innovative, user-friendly interface takes the high resolution 360° *in vivo* images captured by CapsoCam Plus and presents them in an easy-to-read orientation, making the image review process simple, fast and efficient.

- User-friendly interface
- Clean, crisp images
- Easy downloads
- Efficient report generation



CapsoView® User-Friendly Features

- | | | | |
|----------------------------|----------------------------------|------------------------------|-------------------------------|
| Expanded Viewing Modes | One-click Red Detection | Precision Speed Controls | Enhanced Reference Library |
| Intuitive Playback Options | Quick Image Capture | Flexible Contrast Adjustment | Easy Annotation |
| Electronic Signature | Advanced Color Enhancement (ACE) | Targeted Magnification | Customizable Report Templates |



"One of the biggest advantages for CapsoCam Plus is the streamlined workflow. I can use the capsules on any day and not worry whether my recorders are in use. And it's easy for my medical assistants to set up a CapsoCam Plus patient."

DR. IAN STORCH, GI ASSOCIATES OF LONG ISLAND

No Data Recorder Required.

Competitor Procedure Flow



Ordinary capsule endoscopy systems require patients to wear expensive equipment necessary for data acquisition. The need for this equipment creates a cumbersome process that ties up exam rooms, limits flexibility in scheduling, and often requires staff to be available for extended hours in order to collect equipment.

Because there is no need to attach equipment to the patient, administration of a CapsoCam Plus capsule is a simplified procedure that allows for more flexibility in scheduling and takes less time.

Patients are unburdened from the need to wear uncomfortable equipment or make multiple trips to the facility in order to complete the exam. In fact, a recent study indicated that **80% of patients prefer CapsoCam¹** over a system with a conventional data recorder.

¹Patient preference survey administered to more than 100 patients during multi-center North American trial in support of FDA 510(k).



The CapsoCam Plus video capsule system is intended for visualization of the small bowel mucosa in adults. It may be used as a tool in the detection of abnormalities of the small bowel.

To learn more or to set up a demonstration, contact your local CapsoCam representative.



CapsoVision
empowering through innovation

www.capsovision.com



Experience the **360°** Difference

360°