



# Capsule Endoscopy Platform

Product Brochure



VE

# Overview

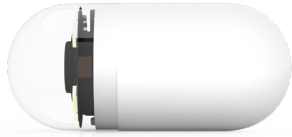
OMOM Capsule Endoscopy platform delivers a combination of ergonomic design, excellent image quality and friendly, highly efficient working experience.

Collaborations between physicians and engineers bring in a result that is truly inspirational and second to none.

Welcome to the new chapter in Capsule Endoscopy.



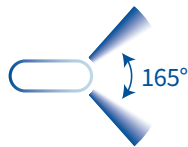
OMOM Capsule  
Structural Illustration



## Capsule

The new capsule's enclosure is light and compact, yet harbors an incredible image sensor with increased view angle, more natural toning and detailed image.

It increases the battery life of more than 12 hours. LED light system ensures even light distribution and optimal illumination.



Increased view angle to 165°



Long Working Time



Speedsense™

adaptive frame rate technology  
automatically adjust frame rate from 2 to 6 FPS in sync  
with travel speed.



## Recorder

A robust belt antenna system fits the human contour comfortably and saves preparation time.

You can use the recorder to pair capsule without the need for computer as well as view real-time images.



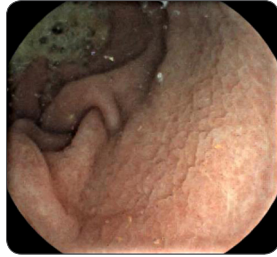
Auto-pairing capsule



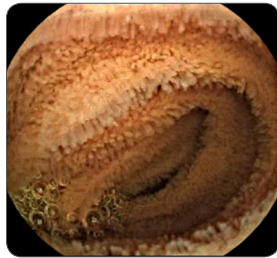
Real-time View

# Case Gallery

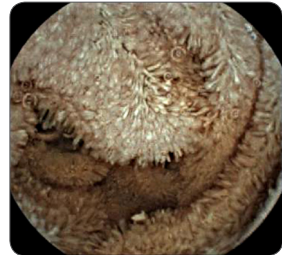
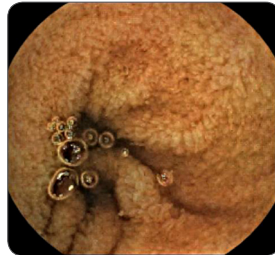
## Stomach



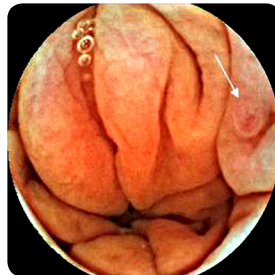
## Duodenum



## Small Intestine



## Colon



Introducing VUE™, the new software for OMOM CE platform.

VUE™ is the realization of user-center philosophy, simplified interface design and easy-to-use work flow. This collaboration between engineers and physicians offers a bold new perspective to redefine your CE experience.



### Easy-to-use

We know how important it is to keep things simple, so you can learn fast and achieve your goal without error. VUE is so simple to learn that you can just act with instinct and be a pro in less than five minutes.



### Platform without borders

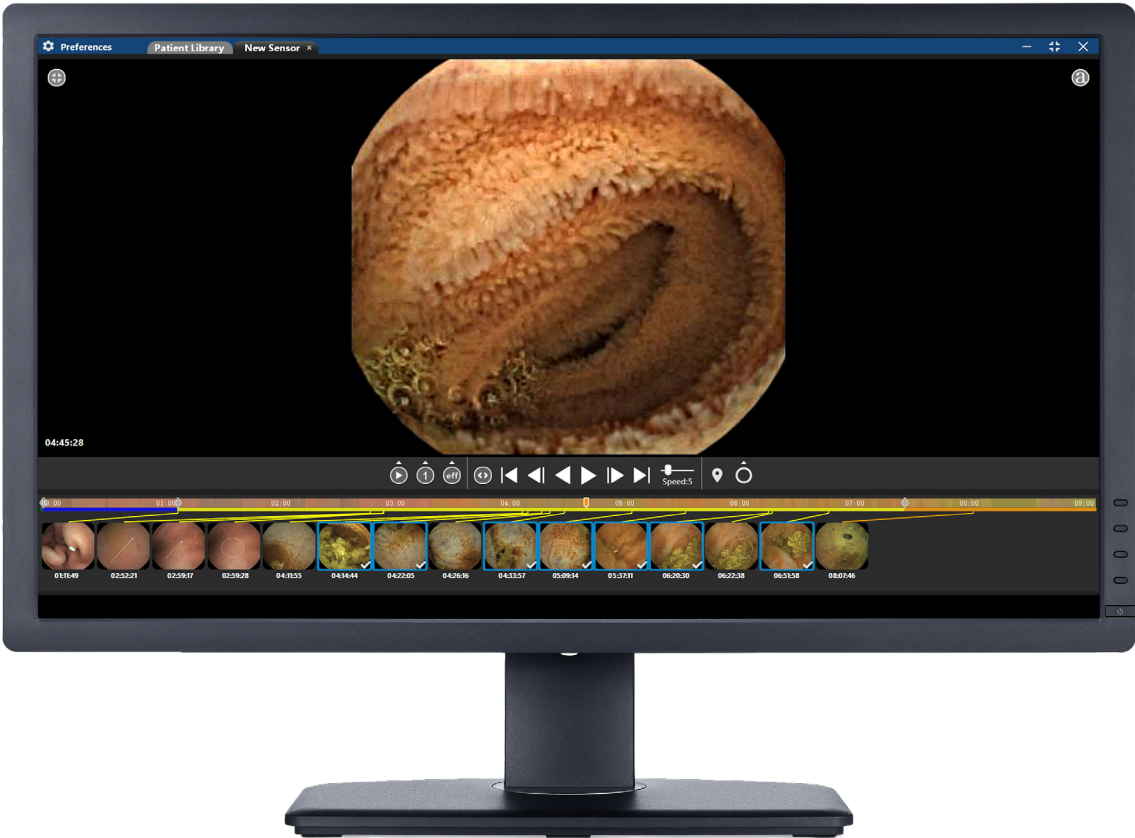
VUE supports 9 languages with more on the way, you can comfortably work with your native language\*.

\* English, Deutsch, Français, Italiano, Español, Português, Türkçe, Русский язык, 简体中文, 繁体中文



### Network and PACS ready

You can retrieve patient work list via standard DICOM protocol instead of entering patient information manually, and upload selected findings to PACS server later for centralized storage.



## Patient preparation and management

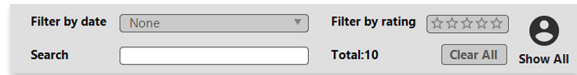
### Preparing a patient

Had never been so easy. Only two steps and two minutes to add a patient and assign a recorder and capsule, error free.



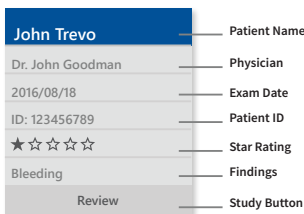
### Search

Search with multiple, customizable criterion such as time period, rating and keyword such as name, physicians or even diagnosis.



### Patient card view

Patients are identified as 'card', organized by their status in the whole process. One glance and you can get all the relevant information.



### Browse

Hover your mouse over any patient card to get a preview of the complains, images and diagnosis without even opening the case.

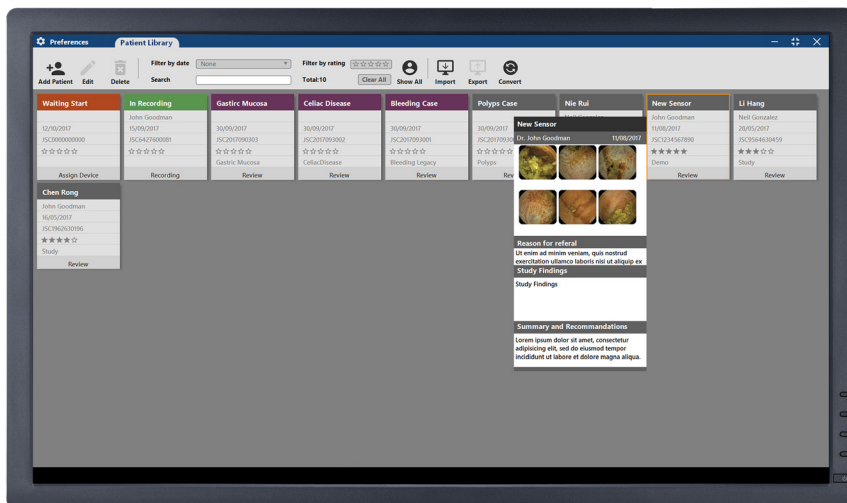


### Scenario mode

Switch to view patients in the recording or report stage depending on your role. You can find your patient faster and avoid any interference.

### Auto download

VUE™ allows you to start download data with one click by auto pairing recorder and capsule serials. This saves time and avoids human errors.



# Case study

## Atlas

Atlas now support column and keyword filtering to allow faster comparison. You can even import customized atlas image for teaching purposes.



## Multi-column view

Utilize your wide-screen display. You now can review image sequence, compare atlas and write report in the same window.



## Play control

Speed control and enhancement tools are placed in one place for your convenience. Use hotkeys to quickly access functions without clicking.

## Multi-case study

You can switch between up to four cases at the same time simply by clicking between tabs.

## Play mode

**Bleeding Detection** quickly identify any images with suspected bleeding.

**Quick View** skim through images and skipping similar images to find area of interest in short time.

## Landmark and resume

You can easily set customized landmarks. You can also resume from where you've stopped last time.

## Report

Write report, type in findings and select images as you progress in the study. When you're done, click the preview or print to finish the work.

## Image enhancement

**ICE RGB Mode** separates different RGB spectrum, gives you a more detailed view for mucosa and capillaries.

**SGIB Mode** enhance images to easily spot areas with suspected bleeding.



# OMOM® Capsule Endoscopy Platform

## Technical Specifications

### OMOM® Capsule 2

- 2nd-Gen image sensor with improved view angle
- **Dimension** 25.4 mm \* 11 mm
- **View angle** 165°
- **Weight** 3 g
- **Record time** 12 hours
- **Sampling rate** 2-6 fps
- **Image resolution** 256\*256

### Recorder with antenna belt

- Wireless transmission
- Auto-pairing capsule
- Real-time view
- Fast battery charging
- Faster download speed

### OMOM® VUE™ application

#### New Interface

- Minimalist design, maximum display
- Streamlined process

#### Patient management

- Card view
- Intelligent grouping
- Easy activation
- Auto download
- Import and export

#### Study & report

- Multiple case study
- Image enhancement
- Suspected GI bleeding detection
- RGB imaging color enhancement
- Landmark

#### Atlas

- Filter by label or keyword
- Customizable atlas images

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