

# ArteMIS Handheld System

“Color and Fluorescence Dual-CCD Handheld Camera System”



## Clinical fluorescence probe-imaging

Full-color real-time fluorescence imaging of 800 nm (+ICG) and 700 nm probes

## Laparoscopy & open surgery

Laparoscopes & probes support all applications

## High sensitivity and flexibility

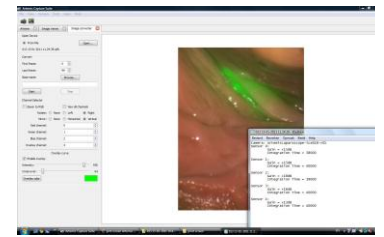
Quantum efficiency at 800 nm close to 30%

## NIR irradiation-image feedback

Unique safety features

## Modular professional system

Delivered with CE-certification



INDOCYANINE GREEN

## Unique Multi-channel Fluorescence Imaging Platform for Clinical Professionals

For you, now available: The first professional full color “Fluorescence Image-guided Surgery System” for clinical use; with CE approval.

High optical quality Multi-channel Camera System with a selection of especially designed ArteMIS Apochromatic Laparoscopes for minimally invasive surgery and Optical Probes for external use: *Supports all applications.*

Unique Solid State Light Engine delivers high quality white light and the near infrared light you need and where you need it: *Safe and powerful.*

With the built-in Media Center and dedicated ArteMIS Software, you have all the control, display and storage capacity you need, even for *the most demanding applications.*

## APPLICATIONS

- **Handheld camera for ICG, 800 nm and 700 nm probes**
- **Autoclavable laparoscopes and probes**
- **Superior multi-channel camera technology**
- **World’s only apochromatic broad spectrum surgical imaging system**
- **High power solid state light engine of unique durable design**
- **All system components are synchronized for total frame control**
- **Wire-less remote widescreen display**



Innovators in Bio-Photonics

O<sub>2</sub>view B.V.  
Marken  
the Netherlands

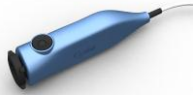
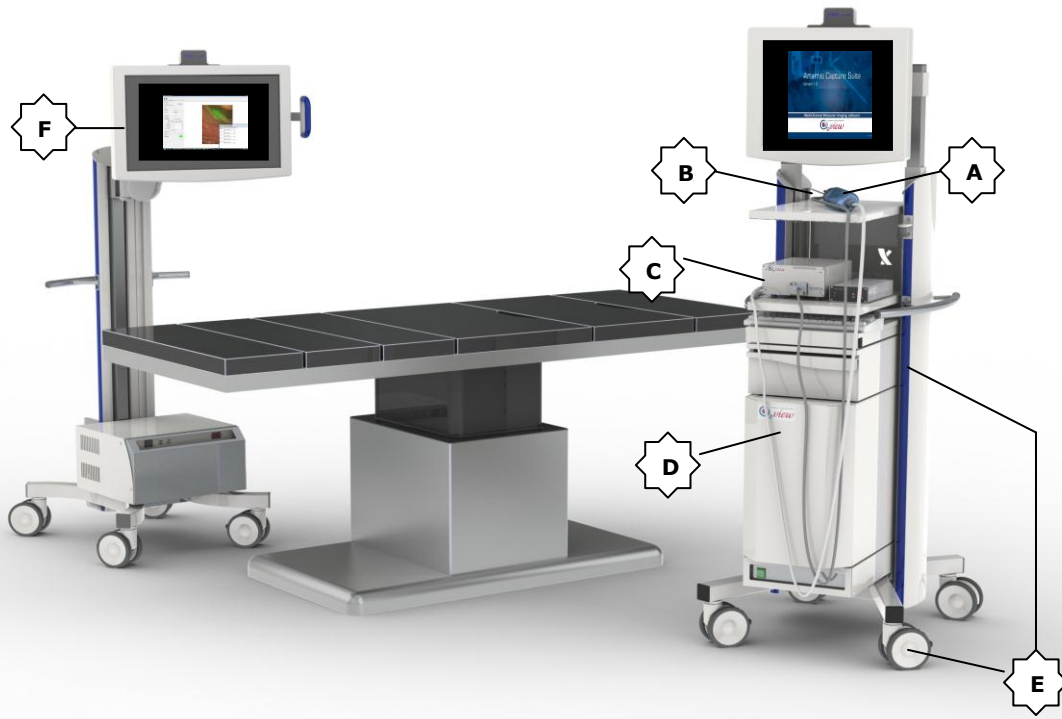
internet: [www.o2view.com](http://www.o2view.com)  
email: [info@o2view.com](mailto:info@o2view.com)



MD 553312



ISO 13485  
MD 553312



A

2-Channel handheld camera system. Fast and flexible. Works for all O<sub>2</sub>view Laparoscopes and Vision Probes; the latter for external use.



D

Medical digital recording system with build-in server, to record raw patient data for internal and external communication. Can be used to analyze and process data for diagnostic or educational purposes using dedicated software.



B

High Quality Laparoscopes and Vision Probes for fluorescence imaging. Apochromatic from 430 nm to 950 nm. Steam autoclavable. 10 mm Diameter. The Scope is 390 mm long, Probe 190 mm. Storz / Wolff / ACMI connectors. Various directions and fields of view available. Focusing ring for sharp vision.



E

Trolley for customized imaging solutions by O<sub>2</sub>view®. Different configurations available. Complete IEC 601 electrical protection inside. Trolley accommodates the ArteMIS Handheld System consisting of the 2-channel Camera with apochromatic Laparoscope or Vision Probe, and the solid state Light Engine. Compatible with Wireless Remote Monitor.



C

Solid state Light Engine. Standard for visualization of ICG, NIRF-800 and NIRF-700 probes. Can be customized for all probes in VIS and NIR.



F

Power supply and support system that makes zerowire really zerowire. Rechargeable battery pack powers 26 inch screen up to 8 hours. In combination with NDSsi's ZeroWire transmitter and display. A must-have.

Download the respective data sheet or contact us for detailed information

Information furnished by O<sub>2</sub>view B.V. is believed to be reliable. No responsibility is assumed, however, for possible inaccuracies or omissions. Specifications and external appearances are subject to change without notice.