

# Cellvizio® 100 Series

Your Optical Biopsy System

## Adapted to your daily practice

- Fully integrated in your endoscopy suite
- Easily movable from room to room
- Quick set-up enabling flexibility in your program
- User-friendly and easy to learn for your staff

## Innovative features for easier use

- Continuously optimized image quality
- Dynamic imaging: 9-18 images/sec
- Digitalized laser-induced fluorescence signal
- Cine review to focus on the frames of interest

## Cellvizio®: a cutting-edge technology

### Laser scanning unit:

- High speed scanning system and quality optics
- Safe class 2M laser beam at 488nm
- Advanced patented electronic components

### Confocal processor:

- Real-time image processing
- Image artifact removal

### System configuration includes:

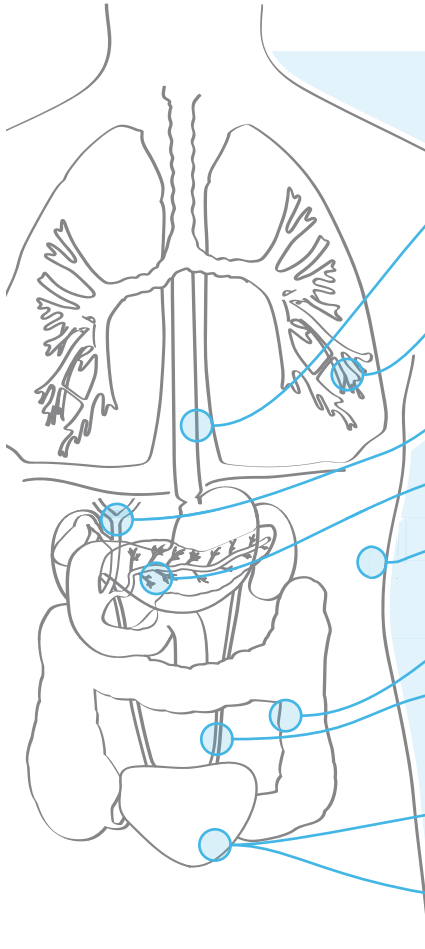
- Enhanced video formats: Video, S-video & SDI outputs, Picture & Picture
- Recording export formats in .avi, .mpeg, .jpeg & .mkt for post-processing capabilities
- Trackball, footswitch and keyboard
- Surgical-grade screen

Cellvizio 100 Series : a fully patented technology by Mauna Kea Technologies



# Cellvizio<sup>®</sup> Confocal Miniprobes<sup>™</sup>

For a variety of medical specialties



	Compatible operating channel	Length	Maximum # of uses	Field of view	Resolution	Confocal depth
<b>GastroFlex<sup>™</sup> UHD</b>	≥ 2.8 mm	3m	20	Ø 240 µm	1 µm	55 to 65 µm
<b>AlveoFlex<sup>™</sup></b>	≥ 1.9 mm	3m	20	Ø 600 µm	3.5 µm	0 to 50 µm
<b>CholangioFlex<sup>™</sup></b>	≥ 1.0 mm	4m	10	Ø 325 µm	3.5 µm	40 to 70 µm
<b>AQ-Flex<sup>™</sup> 19</b>	≥ 0.91 mm (19G)	4m	10	Ø 325 µm	3.5 µm	40 to 70 µm
<b>CelioFlex<sup>™</sup> UHD 5</b>	≥ 5 mm	3m	20	Ø 240 µm	1 µm	55 to 65 µm
<b>ColoFlex<sup>™</sup> UHD</b>	≥ 2.8 mm	4m	20	Ø 240 µm	1 µm	55 to 65 µm
<b>UroFlex<sup>™</sup></b>	≥ 1 mm (3 Fr)	3m	10	Ø 325 µm	3.5 µm	40 to 70 µm
<b>CystoFlex<sup>™</sup></b>	≥ 1 mm (3 Fr)	2m	20	Ø 325 µm	3.5 µm	40 to 70 µm
<b>CystoFlex<sup>™</sup> UHD</b>	≥ 2,8 mm (8,4 Fr)	2m	20	Ø 240 µm	1 µm	55 to 65 µm

Compatible with any endoscope and standard reprocessing method



Mauna Kea Technologies

Intended use

The Cellvizio<sup>®</sup> 100 Series Systems are regulated Medical Device, CE marked (Class IIa - NB : LNE/G-MED) and FDA cleared; Cellvizio<sup>®</sup> systems with Confocal miniprobes<sup>™</sup> are confocal laser systems with fiber optic probes that are intended to allow confocal laser imaging of the internal microstructure of tissues, including but not limited to the identification of cells and vessels and their organization or architecture.

Product availability cannot be guaranteed in all countries. For further information please contact your local sales representative. Specifications are subject to change without prior notice and without any obligation on the part of the manufacturer.

Please consult labels and instructions for use.



[www.maunakeatech.com](http://www.maunakeatech.com)