

OLYMPUS

Your Vision, Our Future

ACHIEVE A NEW PERSPECTIVE

Smart 3D endoscopy options



DISCOVER THE THIRD DIMENSION OF ENDOSCOPY

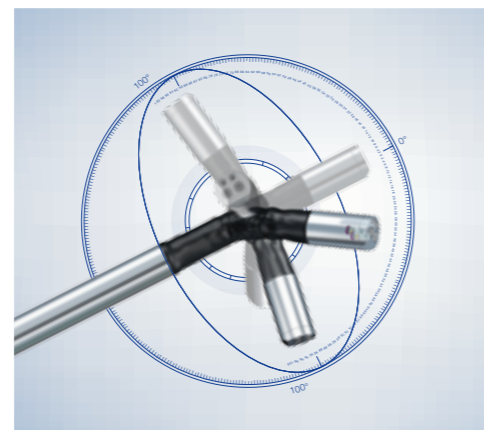
Experience laparoscopy in a totally new dimension with the unique 3D technology from Olympus.

The direct feeling of true vision is made possible thanks to ENDOEYE FLEX 3D, the world's only deflectable-tip 3D laparoscope. This tool allows for 100° angulation in four directions, while the image on the screen maintains a fixed horizon.

Olympus 3D enables you to visualize your patient's anatomy in high-definition 3D as part of a minimally invasive procedure. Perform your surgeries with advanced depth perception and spatial viewing. The new solutions provide you with faster and easier suturing and more accurate dissection, even in deep cavities.

Just choose one of the following four options that suits the needs of your hospital – and enter the world of three-dimensional endoscopy:

- **Option 3D basic** – for endoscopic observations in 3D with a flexible 3D tip
- **Option 3D recording/editing** – for easily documenting 3D surgeries
- **Option 3D display** – for enabling the whole OR team to watch the surgery in 3D
- **Option 3D OR integration** – for complete OR systems integration, including 3D



OPTIONS FOR 3D

Gain more flexibility with 3D at the tip of your endoscope

Option 3D basic:

The basic option includes the 3D tower and ENDOEYE FLEX 3D with the 3D tip for faster and safer procedures.

- Dual-lens design and high-density image sensors for high-definition 3D images with the correct depth
- Focus-free view maximizes the 3D benefits through greater light sensitivity, a brighter image, and a greater depth of field
- An ergonomic design, a light guide-integrated all-in-one structure, and plug and play functionality improve handling during surgery



Review, edit, and share your 3D surgeries

Option 3D recording/editing:

This option allows for advanced recording, editing, and image management, either with a standard (IMH-10) or high-end recorder (IMH-20).

- Seamlessly record full-HD 3D movies on USB, DVD, and Blu-ray
- Convenient one-touch operation
- Extended recording time due to advanced compression technology
- Adjustable touch-panel display, two-channel simultaneous recording (IMH-20 only)
- Easy-to-use editing software to create teaching tools or seminar videos



Benefits of IMH-20

- Enhanced connectivity and the ability to record two separate signals simultaneously
- Real-time recording is possible using Blue-ray, DVD, or USB HDD in parallel
- Offers synchronized voice recording for easy creation of teaching tools, seminar videos, or audio-visual reports for any user



OPTIONS FOR 3D

Make 3D viewing even more comfortable

Option 3D display:

The display option comes with a large monitor to provide the whole OR team with a convenient 3D view to enhance teamwork.

- A 42" flat screen integrated into a 3 m tall glass column for a great view from anywhere in the OR
- Hygienic, encapsulated placement to protect the monitor against liquids and contamination
- Wireless full HD video transmission
- Easy-to-clean glass surface
- Hidden media flap with integrated power, video, and network connectors
- Optional integration of the column into glass or stainless-steel walls in your OR



Enjoy the benefits of completely integrated 3D

Option 3D OR integration:

This option integrates the whole range of medical and peripheral equipment in your OR – including advanced 3D features.

- Live video images in 3D and 2D available in real time throughout the hospital, as well as in the OR and outside for teaching and recording
- Increased efficiency due to the centralized control of all components via touch panel, e.g. room lights
- Improved ergonomics and seamless workflow



PRODUCT OVERVIEW

Products		
Article number	Description	
N4501730	ENDO EYE FLEX 3D 10 mm, LTF-S190-10-3D	
N3643260	CV-190, EVIS EXERA III video center	
N3643350	CLV-190, EVIS EXERA III xenon light source	
N4491360	3DV-190, 3D visualization unit	
E0497429	Sony LMD-2451MT, medical 3D 24" monitor	
E0497620	Sony LMD-3251ST, medical 3D 32" monitor	
N3829670	UHI-4 insufflator	
N3808460	IMH-10 Blu-ray and HDD recording platform	
N3808560	IMH-20 Blu-ray and HDD recording platform	
E0424824	All-In-One-Touchscreen PC	
K10021613	WM-NP2 mobile workstation	
	3D display: 3 m glass column with integrated 42" display	
E0424826	Sony FWD-42W800P, 42" flat screen for 3D display	
N3830360	Wireless transmitter UWIT-TX	
N4471060	Wireless receiver UWIT-RX	
N4471100	Attachment for UWIT MAJ-2011	

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Overview of options

Option 3D basic	ENDO-EYE FLEX 3D deflectable videoscope Olympus 3DV-190 3D visualization unit Mobile 3D tower
Option 3D recording/editing	All products of 3D basic option Image management recorder IMH-10/20 Sony high-performance PC with Sony Vegas editing software
Option 3D display	All products of 3D basic option A 3 m tall glass column with integrated 42" flat screen
Option 3D OR integration	All products of 3D basic option Complete OR systems integration solution including advanced 3D features

Specifications, design, and accessories are subject to change without any notice or obligation on the part of the manufacturer.

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