

**OLYMPUS**

4K UHD LCD Monitor

**OEV321UH**

4K Ultra High Definition 32-inch LCD Monitor Optimized for Olympus Endoscopy System



# OEV321UH

## High Observation Performance

32-inch 16:9 LCD monitor with Ultra High Definition image quality brings out the full potential of the Olympus endoscopy systems. The 4K up-convert function accommodates existing HDTV endoscopy systems.

## Versatile 4K/HD Signal Routing

4K/HD video signal can be routed via single cable with 12G-SDI input and output lines. Various input/output terminals are provided to handle conventional HDTV signals.

## Convenient and Useful Output

OEV321UH's CLONE OUT is the function that outputs the HD/4K video signal as displayed including PIP/POP image to the second monitor and recording device.

## User-friendly Design

Full-flat display and detachable cable cover provide easier cleaning. The access window on cable cover makes cabling easier.

## Input/Output port

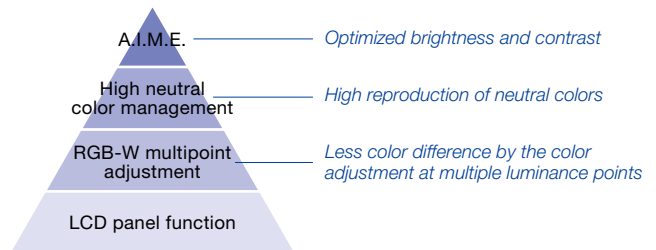


## Multiple Images Display

Picture in Picture (PIP) and Picture out Picture (POP) display images from multi modalities that can offer optimal supports for endoscopic procedures.

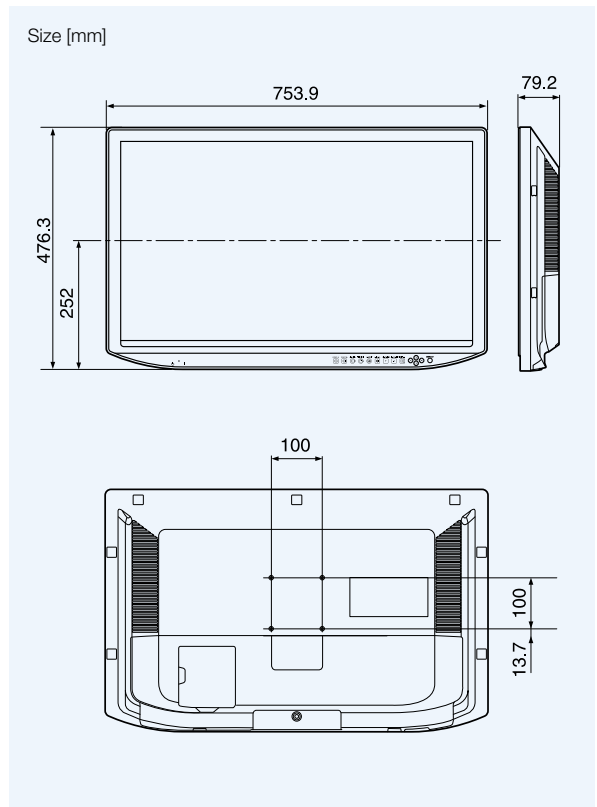
## Advanced Technologies Ensure High-quality Image Reproduction

RGB-W and neutral colors are automatically adjusted throughout the luminance range to ensure superior color reproduction. Image performance is further enhanced by the Advanced Image Multiple Enhancer (A.I.M.E.) which produces a sharp, vivid images of structures without increasing noise, enhancing texture to support more detailed observation.



OEV321UH Specifications			
	Screen size / LCD mode	31.5 / IPS	
	Resolution / Aspect ratio	3840 x 2160 / 16:9	
	Luminance [cd/m <sup>2</sup> ]	450	
	Contrast	1000:1	
<b>Display</b>	Color space	BT.2020 / BT.709	
	Protection panel	Acrylic panel	
	Viewing angle	178° / 178°	
	Number of colors	1.07billion	
	Backlight	LED	
<b>Image optimization</b>	RGB-W multipoint adjustment	Adjusts the small color difference from the low to high luminance to display the same color tone in bright and dark areas.	
	High neutral color management	Displays the neutral colors (e.g. mucosa color) optimized for endoscopy by the delicate color management.	
	A.I.M.E. (Advanced Image Multiple Enhancer)	Offers the optimized brightness and contrast for endoscopy. Mode 1 - 6.	
<b>Function</b>	Multiple image display	PIP/POP	
	Flip pattern	Rotation	
	HDR	Applicable	
<b>Input Output</b>	4K	in	12G-SDI x 2*, Display Port x 1, HDMI x 1
		out	12G-SDI x 2*
	2K	in	3G-SDI x 1, DVI-D x 1
		out	3G-SDI x 1
	CLONE OUT / AUX IN	12G-SDI x1* / Any port	
<b>General</b>	Power supply	AC 100V-240V, 50/60Hz, 1.7A-0.8A DC supplied by the optional AC adaptor AC-300MD	
	Size [mm]	753.9 x 476.3 x 79.2	
	Weight [kg]	11.8	
	Remote	RS-232C connector D-sub 9pin	

\*When a 12G-SDI cable which is longer than MAJ-2429 (8.5m 12G-SDI cable) is used, please contact to Olympus.  
4K UHD LCD MONITOR OEV321UH



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



OLYMPUS MEDICAL SYSTEMS CORP.

Shinjuku Monolith, 2-3-1 Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-0914, Japan  
www.olympus-global.com

Global Professional Education website  
www.olympusprofed.com

