

The Right Choice for Endoscopic Applications

To be effective, endoscopy requires the best possible reproduction of the subtle textures of internal tissue. If high-quality video signals are captured by your scope, you will need an equally high-quality monitor for the optimal viewing experience. To complement our high-performance scopes, Olympus has developed two new 19-inch LCD thin-panel monitors specifically for endoscopic applications — the OEV191H with HDTV compatibility, and the OEV191 with enhanced high-resolution performance. Not only do these monitors offer you excellent picture quality, their slim, space-saving designs help reduce clutter in your endoscopy suite or operating room.

Main Features

- Full-digital HDTV compatible super-high-resolution images with stable, flicker-free image quality (OEV191H).
- Superb high-resolution imaging performance with exceptional image quality (OEV191).
- Large 19-inch LCD screen with 1280 x 1024 native resolution provides clear, easy-to-see images.
- Progressive scanning minimizes distortion and flicker.
- Space-saving – the monitors have a thin, flat, streamlined design.
- Anti-glare coating to minimize reflection.
- Enhancement function to increase image sharpness.
- Lower power consumption than conventional CRT monitors of equivalent size



HIGH DEFINITION LCD MONITOR
OEV191H



LCD MONITOR
OEV191



MAJ-1431 HD/SD-SDI Adapter

Will facilitate quick access to future HDTV-compatible devices

Model name		OEV191H	OEV191	
LCD panel	Screen size	19.0 inches		
	Display devices	TFT active matrix		
	Display dots	1280 x 1024 dots (SXGA)		
	Field angle	Vertical: 85°, Horizontal: 85° (In the area with contrast of 10:1 or more)		
Power supply	Voltages	100-120V/ 220-240V AC		
	Frequency	50/ 60MHz		
	Power consumption	125VA		
Size	Dimensions	430 (W) x 386 (H) 95 (D) mm		
	Weight	8.0kg		
Input	VIDEO input signal format	Composite (BNC connectors), 480/59.94I (NTSC), 576/50I (PAL)		
	Y/C input signal format	4-pin mini-DIN (Y/C) connector, 480/59.94I (NTSC), 576/50I (PAL)		
	Analog RGB + EXT-Sync/ YPbPr_A signal format	BNC connector (x4) RGB: 480/59.94I, 480/59.94P, 576/50I, 576/50P, 720/59.94P, 720/60P, 1080/60I, 1080/59.94I, 1080/50I	BNC connector (x4) RGB: 480/59.94I, 480/59.94P, 576/50I, 576/50P	
	Analog RGB + EXT-Sync/ YPbPr_B signal format	YPbPr: 480/59.94I, 480/59.94P, 576/50I, 576/50P, 720/59.94P, 720/60P, 1080/60I, 1080/59.94I, 1080/50I	YPbPr: 480/59.94I, 480/59.94P, 576/50I, 576/50P	
	REMOTE1 connector (parallel remote)	D-Sub 9-pin (x1)		
	RS232C connector (serial remote)	D-Sub 9-pin (x1)		
	COMPUTER connector (Analog RGB input) /signal format	HD D-Sub 15-pin (x1) VGA: 640 x 480, 60Hz, 640 x 400, 70Hz SVGA: 800 x 600, 60Hz XGA: 1024 x 768, 60/70/75/85Hz	Not available	
	HD/SD SDI input	Possible with the MAJ-1431 HD/SD SDI Adapter (option) 480/59.94I, 576/50I, 720/59.94P, 720/60P, 1080/60I, 1080/59.94I, 1080/50I	Not available	
Output	VIDEO output signal format	BNC connector (x1) With loop-through output and auto 75 Ω termination		
	Y/C output signal format	Y/C out/4-pin mini-DIN connector With loop-through output and auto 75 Ω termination/output signal format		
	Analog RGB + EXT-Sync/ YPbPr_A signal format	BNC connector (x4) With loop-through output and auto 75 Ω termination		
	HD/SD SDI output	Possible with the MAJ-1431 HD/SD SDI Adapter (option) With active-through output and auto 75 Ω termination	Not available	
Setting memory	Held even after the POWER switch is set to off.			
EMC (Electromagnetic compatibility)	This instrument complies with IEC60601-1-2:2001 provided that it is combined with the equipment complying with applicable EMC standards. Emission: Class B (CISPR11)			

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

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