

VISERA ELITE III Video System Center

OTV-S700

4K Multi-specialty Video Processor with 3D/IR/BL Upgradeability



SONY & OLYMPUS

Customizable Configuration to Meet Different Clinical Needs and Budgets

A simple software upgrade via USB drive gives you access to powerful 3D, IR and BL observation modes. You can easily customize your configuration to meet the specific clinical and budgetary needs of your facilities.



12G-SDI Cable for Access to More Detailed Information

12G-SDI has an eight times higher bandwidth than regular HD-SDI. A single 12G-SDI cable accommodates high frame rate, deep-color 4K/Ultra HD signals up to 100/120 fps.



Improved Visualization with 4K

4K imaging system enables surgeons to observe in precise detail the fine patterns and structures of tissues.

Specifications			
Power Supply	Rated voltage	110–240 V AC; within ±10%	
	Rated frequency	50/60 Hz; within ±1 Hz	
	Rated input	550 VA	
Size	Dimensions (maximum)	390 (W) x 199 (H) x 502 (D) mm	
	Weight	17.0 kg	
Observation	Analog signal output	VBS composite	
	Digital signal output	12G-SDI (SMPTE ST 2082), 3G-SDI (SMPTE424M), HD-SDI (SMPTE292M) can be selected	
	Record output signal	Recording format of the video signal output to the video recorder can be switched.	
		Video signal	Select from "3G-SDI" or "HD-SDI"
		HD-SDI recording format	Select from "3D/2D auto select", "Always 2D" and "Always 3D (SIDE BY SIDE)" for 3D monitor display
	Electronic zoom	3G-SDI recording format	Select from "3D/2D Auto select" and "Always 3D" for 3D monitor display
		The image enlargement level can be selected	
	Optical-digital observation	4K	6 modes (1.0x, 1.2x, 1.4x, 1.6x, 1.8x, 2.0x)
		2D	3 modes (1.0x, 1.2x, 1.5x)
		3D	2 modes (1.0x, 1.2x)
Remote control	The optical-digital observation can be performed. The endoscope compatible with the optical-digital observation is required.		
	NBI observation	This observation mode uses narrow-band light	
	IR observation	This observation mode uses infrared light	
	The following ancillary equipment can be controlled (specified models only): · Portable memory / · Video recorder / · Video printer / · Image filing system		
Documentation	Recording format and number of recorded images in internal memory	TIFF: no compression	Approx. 120 images
		JPEG (1/5): Approx. 1/5 compression	Approx. 636 images
		JPEG (1/10): Approx. 1/10 compression	Approx. 1108 images
		These are the numbers of the recorded images when both HDTV and SDTV images are recorded. These numbers vary depending on the images.	
Illumination	Observation mode	WLI, NBI or IR observation	
Automatic Brightness Adjustment	Brightness mode	Auto	
		Manual	
Classification (Medical Electrical Equipment)	Type of protection against electric shock	Class I	
	Degree of protection against electric shock of applied part	Depends on applied part. Also refer to applied part (camera head or videoscope).	
	Degree of protection against explosion	The video system center should be kept away from flammable gases	

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

