

OLYMPUS

Your Vision, Our Future

VISERA 4K UHD

VISERA 4K UHD CAMERA CONTROL UNIT

OTV-S400

The Core of Full 4K Image Reproduction.



OTV-S400 – VIDEO SYSTEM CENTER

4K High-Quality Image Processing

- Wide color gamut
- 16-axial color-phase adjustment (more precise color setting based on surgeon's preference)
- Improved AE (automatic exposure) function

Improved Operability

- Touch panel enables adjustments during procedure
- Easy registrations and loading of user presets

Innovation by
Sony & Olympus



Specifications		
Power Supply	Rated voltage	220–240 V AC; within $\pm 10\%$
	Rated frequency	50/60 Hz; within ± 1 Hz
	Rated input	350 VA
Size	Dimensions (maximum)	390 (W) \times 160 (H) \times 506 (D) mm
	Weight	13.5 kg
Observation	Signal system	Corresponds to the 4K and HD
	Signal output (resolution)	4096 \times 2160, 3840 \times 2160, or 1920 \times 1080 can be selected
	Signal output (transmission method)	3G-SDI or HD-SDI can be selected
	White balance adjustment	Available
	Standard color chart output	The "Color bar" screen can be displayed
	Color tone adjustment	Red adjustment ± 8 steps
		Blue adjustment ± 8 steps
		Chroma adjustment ± 8 steps
	Automatic gain control (AGC)	The image can be electrically amplified when the light is inadequate due to the distal end of the endoscope being too far from the object
	Contrast	Normal Normal image
		High Darkens the dark part and brightens the bright part compared to normal
		Low Brightens the dark part and darkens the bright part compared to normal
	Iris Area	Auto The exposure area is set automatically to obtain optimum brightness for the subject
		Center Center-weighted measuring
	Image enhancement settings	Fine patterns or edges in the endoscopic images can be enhanced electrically to increase the image sharpness Either the structural enhancement or edge enhancement can be selected according to the user setup
		Structural Enhancement Enhancement of contrast of the fine patterns in the image
		Edge enhancement Enhancement of edges of the endoscopic image
Documentation	NBI observation	This observation uses the narrow band observation light
	Endoscope's remote switches function	The functions of the remote switches on the endoscope can be set in the user presets
	Displaying the record state	The recording state of the video recorder can be displayed on the monitor
Memory backup	Displaying the image information	The following data can be displayed on the monitor: · Zoom ratio / One-touch auto focus / Observation mode / NBI observation mode
	User presets	Up to 10 user presets can be registered
	Memorization of selected settings	The following settings are held in memory even after the video system center is turned OFF: · System settings / Color tone / Color mode / Contrast / Enhancement / White balance
Classification (electro-medical equipment)	Type of protection against electric shock	Class I
	Degree of protection against electric shock of applied part	TYPE BF applied part
	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.

OLYMPUS

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