

OLYMPUS

**VISERA
ELITE™ III**

4K Camera Head

CH-S700-XZ-EA

Compact True 4K Camera Head with Continuous Autofocus and Fluorescence Imaging





Continuous Auto Focus in True 4K to Minimize Distractions

Experience the new Olympus 4K camera head with Continuous Auto Focus (CAF), which can be enabled to automatically maintain focus on the center of the image without the need to rely on manual focus adjustments from the user.

EDOF (Extended Depth Of Field) to broaden the focus area

EDOF expands the range of surgical viewing area without compromising resolution and brightness, promoting accurate diagnosis and precise treatment. The EDOF technology addresses traditional camera head challenges such as out-of-focus and blurry/distorted images, by providing a deeper depth of focused field and clearer view of anatomy (as compared to previous generation camera heads).

True 4K Image Quality for More Precise Clinical Images

Our 4K image sensor from Sony produces Full 4K image quality, enabling the Camera Head to deliver incredibly fine details that conventional HD or pixel-shifted 4K sensors cannot provide.

Cost-effective Reprocessing Options

Reprocessing is easy and cost-effective due to Autoclave compatibility.

Specifications

Size	Camera head dimensions (unit: mm)	
	Camera head weight	270 g
Observation	Cable	ø 5.1 mm × 3 m
	Pickup system	CMOS image sensor
	Focal length	f = 19.7 mm
	NBI™ Technology Observation Mode*	Available
IR Observation*	Available	
Electronic Shutter Function*	Available	
Electronic Zoom Function*	Available	
Cleaning/Disinfection/Sterilization	Cleaning/disinfection	Immersible in detergent/disinfectant solution, Washer Disinfector
	Sterilization	Autoclave/V-PRO®/STERRAD®
Classification (Electromedical Equipment)	Degree of protection against electric shock	TYPE CF (the entire camera head)
	Degree of protection against explosion	The product should be kept away from flammable gases.

* For more details, refer to the instruction manual for the OTV-S700.



Innovation by
Sony & Olympus

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