

OLYMPUS

**VISERA
ELITE™ III**

4K Camera Head

CH-S700-XZ-EA

Compact Autoclavable True 4K Camera Head with Continuous Auto Focus



CH-S700-XZ-EA Camera Head



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, compared to previous Olympus® imaging systems, while maintaining resolution and brightness. 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 with our VEII and 4K systems).¹

True 4K Image Quality for 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 may be cost-effective due to autoclave compatibility.

Specifications

Size		
	Camera head dimensions (unit: mm)	
Observation	Camera head weight	270 g
	Cable	ø 5.1 mm × 3 m
	Pickup system	CMOS image sensor
	Focal length	f = 19.7 mm
NBI™ Technology Observation Mode*		Available
Electronic Shutter Function*		Available
Electronic Zoom Function*		Available
Cleaning/Sterilization	Cleaning	Immersible in detergent
	Sterilization	Autoclave/V-PRO® maX Non-Lumen and Flexible Cycles
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

The VISERA ELITE™ III Imaging Platform is a compact, multispecialty imaging platform designed for laparoscopic diagnosis, treatment, and video observation. TYPE BF endoscopes connected to this imaging platform must never be applied directly to the heart. Leakage current from the TYPE BF applied part may be dangerous and cause ventricular fibrillation or otherwise seriously affect the cardiac function of the patient.

1. Data on file with Olympus. April 2025.

Manufactured by OMSC Olympus Medical Systems Corporation, 2-43-2 Hatagaya Shibuya-ku Tokyo 0072-151 Japan
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