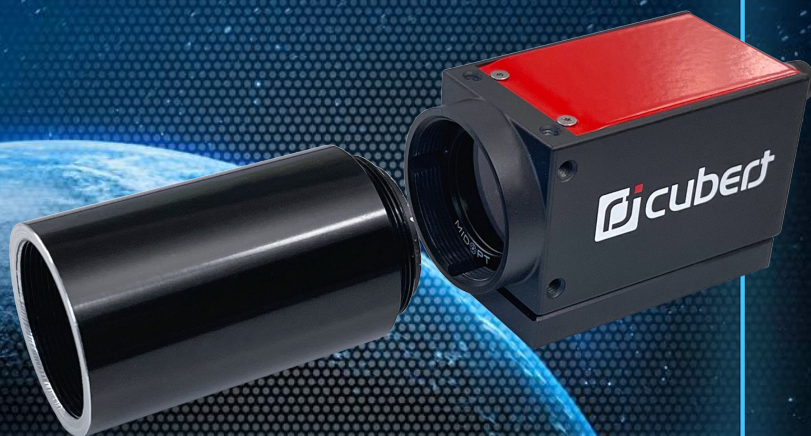


## Hyperspectral Video Camera

# ULTRIS SR5



## Spectral Imaging for Biomedical Applications

Plug and Play: The ULTRIS SR5 brings an optical adapter enabling hyperspectral medical imaging. Our snapshot cameras are designed to allow **real-time analysis** of time critical processes, making them perfectly suited for any biomedical application. The relay lens adapter connects the imaging spectrometer to your medical device expertly and quickly.

The new adapter is compatible with any **C-Mount objective**, still enabling video spectroscopy in real-time. Any lens, including macro optics or fish eye lenses, can instantly be mounted onto the camera. The camera can even be mounted on more complex optical systems, such as **microscopes, endoscopes** or even **industrial inspection systems**.

### Technical Specifications ULTRIS SR5

Technology	Light Field	Attachable Optics	Any C-mount
Readout	Global shutter	Data Depth	12 bit
Spatial Resolution	290 x 275 pixel	Max Frame Rate	15 Hz
Wavelength Range	450 - 850 nm	Data Link	GigE
Spectral Bands	51	Sensor	Sony IMX264
Spectral Sampling	8 nm	File size unprocessed	< 8.5 MB
FWHM	26 nm @ 532 nm	File size processed	< 8 MB
Bandpass Filter	LVF	Weight	176 g
Integration Time	0.1 - 1000 ms	Dimensions	29 x 29 x 107 mm
FOV (Field of View)	lens-dependent		

## Powerful software & SDK for Microscopy and Endoscopy

The ULTRIS SR5 is a huge step forward in bringing hyperspectral light field technology to biomedical applications. It is designed to quickly provide critical information. Cubert's powerful HSI software CUVIS takes **Raw Data, Reflectance** and even **Radiance in real-time**. Customized plug-ins and classification solutions can be directly applied to the live view. The powerful **SDK** allows for smooth system integration. Originally developed in **C**, the SDK is now available with wrappers for **C++** and **Python**.

