

AOTF Camera Video Adapters and AOTF Microscope Video Adapters

Applications

- Laboratory and Industry Applications
- Environmental Science and Remote Sensing
- Biology and Biomedical Research
- Agriculture Monitoring
- Normal, Fluorescence, and Raman Spectral Imaging in Biomedical Industry
- On-Line Quality and Process Control
- Other OEM Applications

Specifications	VA210-.40-0.65	VA210-.55-1.0	VA210-.9-1.7
Device Type	Image Quality AOTF		
Wavelength Range	400-650nm	550-1000nm	900-1700nm
Spectral Resolution	2-6nm		5-20nm
Spatial Resolution	Up to 2560 x 1920 Pixels (6.4x 4.8 mm Camera Sensor Size)		1280 x 960 Pixels
Sensor Size*	6.4 x 4.8 mm (1/2")		12.8 x 9.6 mm
Field of View for Camera System (Horizontal)	1.5 - 6.5 deg with Nikon F-Mount Zoom Lens f70-300mm And 5.7 -13 deg with Nikon F-Mount Zoom Lens f28-80mm		16 deg with Brimrose C-Mount SWIR Lens f22.5mm
Field of View for Microscope System	1.6 mm with 4x objective lens 0.64mm with 10x objective lens 0.16mm with 40x objective lens		
Magnification	1x		2x ~ 2.5x
Camera Mount**	C-mount		
Lens Mount	C-Mount and F-Mount or OEM Integration		
Driving Power	~2 Watts		
RF Connector - type	SMA		
Weight	< 1.0 kg		
Dimensions	W x H x D: 60 x 70 x 178 mm		

* Other sensor sizes are available upon request.

** Other mounts are available upon request.