

SPII-VIEW VISIBLE HD CAMERA ASSEMBLY

II-VI Aerospace & Defense (II-VI A&D) is proud to provide a specialized point-of-view camera system called SPII-VIEW.

Providing an "all-in-one" solution complete with high performance objective lens, HD camera, and protective housing, SPII-VIEW offers a wide field of view in a compact package.

With a variety of customizable options available, such as a field of view bending prism or environmental protective dome, the applications of SPII-VIEW are extensive.

Coupled with the high resolution objective lens assembly, the 1/2.8" image format CMOS camera provides sharp HD imaging delivered over USB 3.0 at up to 60fps.



VISIBLE HD CAMERA
ASSEMBLY

KEY FEATURES

- | HD camera options – USB 3.0, 8.8MP
- | 4.41 mm focal length
- | Color Lens Assembly with variable iris and fully adjustable focus
- | 400-700nm Wavelength
- | Ability to be installed in any plane options of window, FOV bending prism and dome
- | Future options include:
4K camera; WIFI; 3G/4G coupling;
Rechargeable battery; Remote control

OBJECTIVE SPECIFICATIONS

PARAMETER	VALUE	EXTRA INFO
Focal Length	4.41 mm	
Wavelength	400-700 nm	
F Number	1.8	Variable Iris
Image Diagonal	5.88 mm	2.9 mm x 5.12 mm
Full Diagonal Field of View (FFOV)	68.0°	36.6° x 60.7°
MTF @ 125 lp/mm (On-Axis, Nominal)	0.62	
MTF @ 250 lp/mm (On-Axis, Nominal)	0.30	
Flange to FPA	13.3 mm	
Back Working Distance	9.9 mm	
Mount Type	CS	



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