

# FIGSPEC FS series Hyperspectral Camera

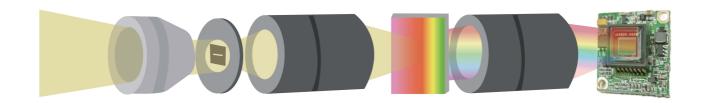


- Machine vision, color measurement, visible light / near-infrared detection hyperspectral solution
- Spectralrange:400-700nm/400-1000nm,spectralsampling/pixel 2.5nm, max 1.5nm (Change the slit size for higher spectral resolution, but will affect signal strength)
- Imaging speed:Full Spectral range 128Hz,3300Hz after ROI
- Support multi-region ROI
- Color difference test: print, textile and other industries surface color test, texture detection, with special light source and control system, the repeatability of single pixel of color measurement can reach dE\*ab<0.1</li>



## **FigSPEC**®

### Working Principle



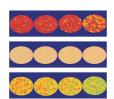
#### **Application**



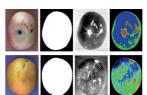




Textile Products



Pharmaceutical Composition Analysis



Fruit and Vegetable Sorting





Screen

#### **Technical Parameter**

Model	FS-10	FS-11	F	S-12		FS-13
Illuminant	Passive (without illuminant inside device)					
Spectroscopic method	Grating spectroscopy					
Wavelength Range	400-700nm		400-1000nm			
Spectral bands	150		300			
Spectral sampling/pixel	2.5nn					
Slit width		30	Oum			
Transmission Efficiency	>50%			>60%		
Stray light		< 0	.5%			
Spatial Samples	Max. 1920 (set from software)					
Pixel Size	5.86um					
Imaging speed	Full Spectral range 41Hz,390Hz after ROI	Full Spectral range 128Hz,3300Hz after ROI		ectral range Full Spectral range 90Hz after ROI 128Hz,3300Hz after		
Detector		CM	10S			
SNR(Peak)	600/1					
Camera Output	USB3.0					
Interface	C-Mount					
Accessory	USB3.0 cable					
ROI	Single Band	Freely selectable multiple bands	Single	Band		selectable le bands

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24 hours technical support:17328853303