

Product Details



(../../upload/product/202104271803550.jpg)



EagleEye

Model : EE2051

Original price : \$8,000

Price : \$6,800

Sensor Type :

EE2051 - NIR-enhanced TEC

Quantity

Add inquiry

Product Introduction

EagleEye Series (EE) spectrometer, built with the Thermal Electric Cooler (TEC) sensor and high performance 32bits RISC controller in, is specially designed for long time measurement requirement. EE series contains a Thermal Electric Cooler (TEC) along with cooling system design to reduce dark current and maintain a lower stable operating temperature.

Thermoelectric Cooling Model Combination of Robust and Exquisite Design :

- Cooled Back-thinned TEC Sensor, High Sensitivity, High SNR(=500) & Extremely Low Thermal Noise
- Default : 0°C at Ambient of 25°C
- Proprietary Algorithms of Stray Light Calibration (Only 0.01% after Calibration)
- SMA905, FC/PC optional connector

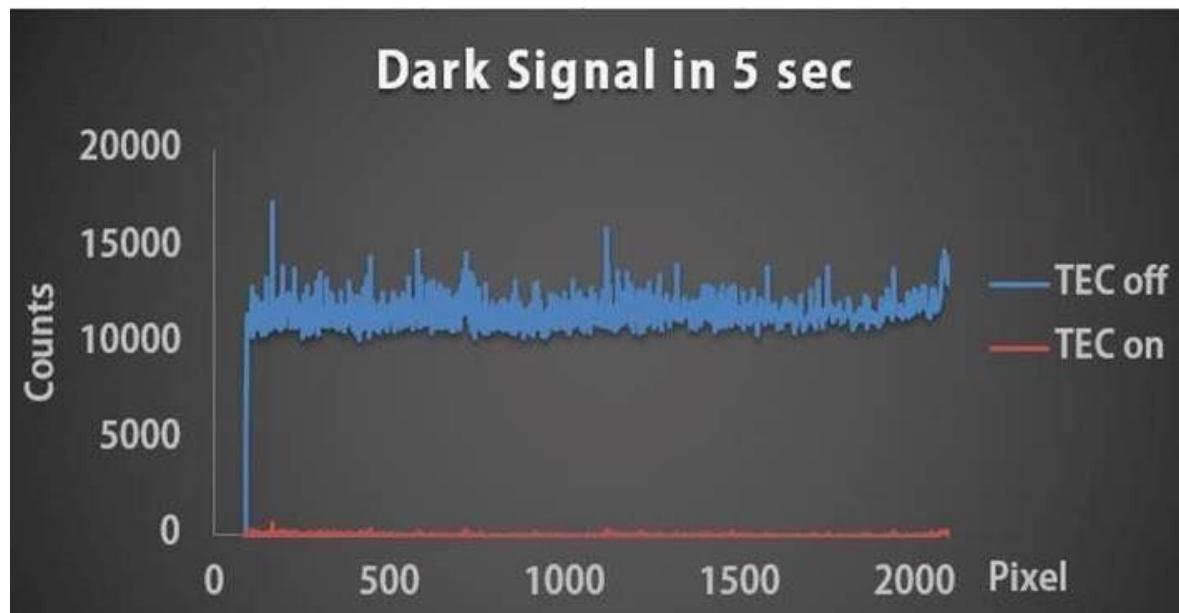
EagleEye (EE), depending on the configuration, unit price is USD \$6,800 ~

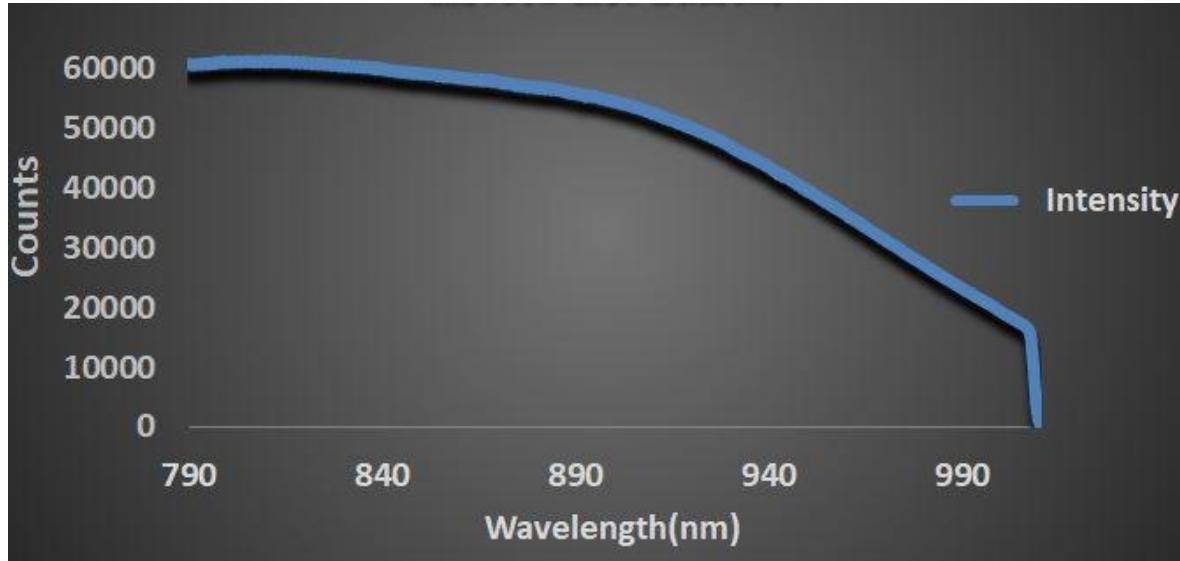
Please select models and quantity and send the online inquiry form, we will contact you as soon as possible!

EE Models :

Model	EE2051	EE2063
CCD Cooling	0°C at Ambient of 25°C	
Sensor	NIR-enhanced TEC	UV-enhanced TEC
Wavelength Range	500~1100 nm	180~1100 nm
Resolution	0.4nm ~ 10nm	0.2nm ~ 10nm
Shutter	Optional	
SNR	500	
Dynamic Range	5000	
Integration Time	5 ms ~ 65s	
On-Board Computation		V
Continuous High-Speed Exposures		V
Size (mm ³)	130*86*32 mm	130*96*39.5 mm

→ Datasheet Link (<https://www.otophotonics.com/page/about/index.aspx?kind=65>)





Product Notes



3 reasons you should buy OtO product

The Best performance of Stability & Accuracy



- The Best Thermal Stability in the world
- Outstanding Shock and Vibration Proof
- The best performance of wavelength accuracy
- The minimum linearity deviation in the world



We serve with highly customized product and care

- The Grating, Sensor, Slit and Wavelength Range are selectable depend on your needs
- No MOQ(Minimum Order Quantity) Requurst
- No Additional Charge to Customize a OtO product



The most powerful technical support in the world

OtO		Other	
OEM Support	OEM	win	Distributor
Technical Support	RD & FAE	win	Sales
Solution	Not just spectrometer, We Provide Total Solution & Comprehensive technical support.	win	Spectrometer Solution Only

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