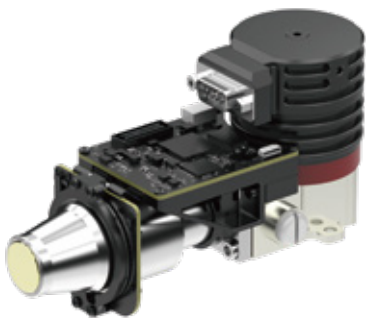


EYAS330G Cooled AD Module

Accelerator for Optical Gas
Imaging System Integration



Description:

EYAS330G cooled AD module is developed on the basis of C330M-G cooled infrared detector and equipped with high performance signal processing circuit. It is an accelerator for customers who have difficulty in starting fast optical gas imaging system integration. By utilizing the infrared technology, the invisible volatile organic compounds (VOCs) leaks can be quickly and effectively detected to ensure the safety in production, transportation and processing of petrochemical enterprises.

Shorten Development Cycle

- Adopt high-performance signal processing circuits to realize the conversion of analog signal to digital signal
- Support 12V power supply for explosion-proof certification

Easy & Fast Integration

- Cameralink interface output 16-bit RAW data, serial port control
- Integrated structure that has consistent dimension with detector

Specifications

Model	EYAS330G	EYAS330 ^{G2}
Performance		
Resolution	320×256	
Pixel Size	30μm	
Cryocooler	RS058	RS058I
Spectral Range	3.2μm±0.1μm~3.5μm±0.1μm	
Cooling Time (25°C)	≤6min30s	≤7min
Typical NETD	10mK (F1.5)	
Working Mode		
Frame Rate	1~200Hz(Adjustable)	
Working Mode	Snapshot; ITR Integration Mode; Windows Mode; Anti-blooming	
Electrical Specifications		
Standard External Interface	QSH 60pin	
Digital Video	Cameralink Output: 16bit Raw Data	
External Sync	CC1: INT Frame External Sync CC2: MC External Sync	
Communication	Cameralink Serial Port: TFG+/-, TC+/-, 9600bps	
Power Supply	Channel 1 Imaging Panel: 5V Channel 1 Cryocooler: 24V	Channel 1 Imaging Panel: 5V Channel 1 Cryocooler: 12V
Stable Power Consumption	7W	
Size (mm)	142×58.5×71	
Weight	≤680g	
Working Temperature	-40°C ~ +60°C	

Specifications are subject to change without prior notice.

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