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1/2" CCD NIR (1460-1600nm) Analog Camera, EIA (Recertified 05-P)



1460-1600nm Near-Infrared Camera (Front)



Stock **#56-567-RCD-05P** RECERTIFIED **1 In Stock**

-

1

+

C\$2,346¹²

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General	
NIR Camera	Type:
Stock No. of Recommended Capture Board: #64-885 Imperx PCMCIA	
Scintacor	Manufacturer:
Physical & Mechanical Properties	

64.6 x 34 x 37 (includes connectors and lens mount)	Dimensions (mm):
90	Weight (g):
Full	Housing:
Optical Properties	
1460 - 1600	Spectral Response (nm):
Sensor	
8.4 x 9.8	Pixel Size, H x V (µm):
768 x 494	Pixels (H x V):
6.4 x 4.8	Sensing Area, H x V (mm):
Interlaced CCD	Type of Sensor:
1/60 - 1/100,000s	Exposure Time:
1.41	Gamma:
EIA	Signal Format:
1/2"	Sensor Format:
Not Specified	Dynamic Range (dB):
0.3000000000	Resolution (Megapixels):
Performance	
<1µJ/cm² @ 1550nm	Minimum Sensitivity:
Electrical	
Not Specified	Power Consumption (W):
Hardware & Interface Connectivity	
Analog, BNC	Connector:
Separate Power Supply (Included)	Power Supply:
Internal	Synchronization:
Analog	Interface:
12 VDC, 160 mA	Power Requirement:
Back Panel	Interface Port Orientation:
N/A	GPIOs:
None	GPIO Connector Type:
Threading & Mounting	
C-Mount	Mount:
¼-20 (Integrated into Housing)	Mounting Threads:
Environmental & Durability Factors	
-10 to +40	Operating Temperature (°C):
Not Specified	Storage Temperature (°C):
Regulatory Compliance	
Compliant	Reach 191:
	RoHS 2015:

Product Details

- Low Cost
- Compact Size
- Standard Analog Video Output
- High Speed Electronic Shutter

This near IR camera utilizes a high resolution CCD array that has been specially treated with a phosphor coating. The result is a camera that has an effective response between 1460nm to 1600nm at a cost much lower than seen with other detector technologies. The high-speed electronic shutter allows for easy attenuation of high-level signals often associated with laser applications. Features a maximum CW power saturation of 100mW/cm² at 1550nm. The camera is ideal for applications including laser alignment, telecommunication testing, as well as inspection. While standard CCD lenses can be utilized in the near IR, their optical designs and coating are generally not optimized for this region of the spectrum. We recommend video lenses designed specifically for the near IR region.