

2.3 - 4.4um HgCdTe Photovoltaic Infrared Detector, PVI-2TE-4-1x1-TO8-wAl203-36



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Stock **#90-460** NEW **4 In Stock**

- 1 + **SS\$1,575⁰⁰**

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Note: This item requires accessories for use | [Learn More](#)

Product Downloads

General	
IR Photovoltaic Detector	Type:
PVI-2TE-4-1x1-TO8-wAl203-36	Model Number:
TO-8	Package:
Vigo Photonics	Manufacturer:

Physical & Mechanical Properties	
7	Weight (g):
1.00 x 1.00	Active Area (mm):
Optical Properties	
2300 - 4400	Spectral Response (nm):
36	Acceptance Angle (°):
Environmental & Durability Factors	
-20 to +30	Operating Temperature (°C):
-20 to +50	Storage Temperature (°C):
Regulatory Compliance	
Exempt	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 250:

Product Details

- Mid and Long-Wave Infrared (MMIR/LWIR) Spectral Range
- 1 × 1mm² Active Areas with Acceptance Angles up to 90°
- TO-39 and TO-8 Package Styles with Specialized Anti-Reflection Windows

Vigo Photonics Infrared Detectors deliver high-performance mid and long-wave IR detection with exceptional sensitivity and stability across demanding applications. These HgCdTe and InAsSb detectors are available with a variety of cooling configurations, including single, dual, triple, and quad-stage thermoelectric coolers, to optimize signal-to-noise ratios. Models are offered with active areas of 1 × 1mm² and acceptance angles up to 90°, providing flexibility for system integration. Vigo Photonics Infrared Detectors feature precision packaging options such as TO-39 and TO-8 housings with specialized anti-reflection coatings for maximum throughput. These detectors combine reliability with infrared technology, making them ideal for spectroscopy, gas analysis, and defense applications.