

2 - 12um HgCdTe Photovoltaic Multi-Junction Detector Module, LabM-1-10.6



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Stock **#90-458** NEW **3 In Stock**

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1

+

SS\$4,137⁰⁰

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

Product Downloads

General

Type:
IR Photovoltaic Detection Module

Software:
Software Package, Requires Controller ([#90-469](#))
[SmartManager](#)
[Python Library](#)
[Documentation](#)

Model Number:
LabM-1-10.6

Vigo Photonics	Manufacturer:
Physical & Mechanical Properties	
310	Weight (g):
1.00 x 1.00	Size of Active Area (mm):
88.5 x 40.0 x 45.6	Dimensions (mm):
1.00 x 1.00	Active Area (mm):
Optical Properties	
2000 - 12000	Spectral Response (nm):
36	Acceptance Angle (°):
Electrical	
Up to 120 MHz	Bandwidth (MHz):
Hardware & Interface Connectivity	
Power Supply Required(#90-469) and Sold Separately	Power Supply:
Environmental & Durability Factors	
+10 to +30	Operating Temperature (°C):
-20 to +85	Storage Temperature (°C):
Additional Info	
(1) SMA-BNC Cable, (1) LEMO-DB9 Cable	Included Components:
Regulatory Compliance	
Exempt	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:

Product Details

- Built-In Preamplifiers and TEC Control Options
- Md and Long-Wave Infrared (MMR/LWIR) Spectral Ranges
- Evaluation Kits and Digital Interfaces for Simplified Setup and Data Acquisition

Vigo Photonics Infrared Detector Modules offer solutions that combine advanced IR detector technology with integrated electronics for simplified system integration. These compact modules feature options ranging from uncooled micro-size designs to multi-stage TE-cooled laboratory systems with programmable preamplifiers. Evaluation kits, digital interfaces, and built-in TEC controllers ensure fast setup and reliable operation across diverse environments. Vigo Photonics Infrared Detector Modules are available in configurations optimized for mid-wave and long-wave infrared, with spectral coverage from 2 to 12μm. Ideal for spectroscopy, gas sensing, industrial monitoring, and defense applications, these modules deliver high performance in flexible, ready-to-use packages.