

## Thermoelectric Cooler Controller, PTCC-01-BAS



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### Product Downloads

#### General

TEC Controller and Power Supply **Type:**

Software Package: [SmartManager](#)  
[Python Library](#)  
[Documentation](#) **Software:**

PTCC-01-BAS **Model Number:**

Vgo Photonics **Manufacturer:**

## Physical & Mechanical Properties

260 **Weight (g):**

## Additional Info

**Included Components:**  
(1) AC Adapter, (1) USB: Type A-MicroB Cable

## Regulatory Compliance

**RoHS 2015:**  
[Exempt](#)

**Certificate of Conformance:**  
[View](#)

**Reach 247:**  
[Compliant](#)

## Product Details

- Built-In Preamplifiers and TEC Control Options
- Mid and Long-Wave Infrared (MMIR/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 12 $\mu$ m. Ideal for spectroscopy, gas sensing, industrial monitoring, and defense applications, these modules deliver high performance in flexible, ready-to-use packages.