



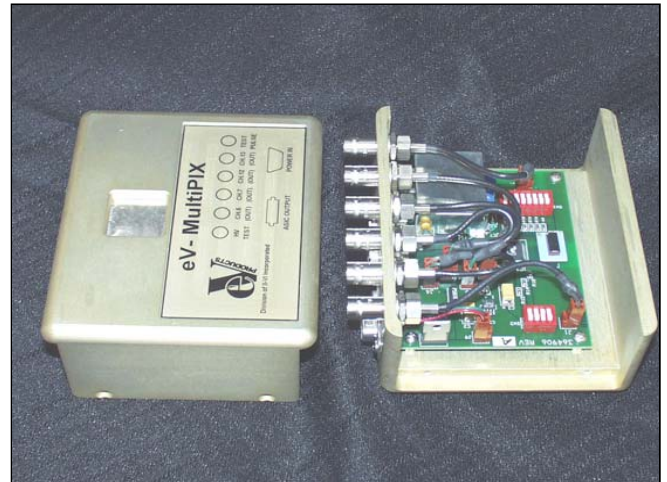
## *eV-MultiPIX<sup>®</sup>*

### *16 Channel ASIC Evaluation System*

The eV-MultiPIX<sup>®</sup> system is a general purpose, 16 channel, detector test platform that can be used with both planar and pixilated eV-CZT<sup>®</sup> detectors. The system features the low noise eV-330 16 channel preamplifier / shaper ASIC that provides a 5th order Gaussian shaped output. The variable peaking time and channel gain combine with an on-board variable High Voltage Power supply to make this unit a highly flexible test platform.

### *Specifications*

- Detector: CdZnTe  
Size: 5.9mm x 5.9mm x 5.0mm
- Energy range: 10keV-1.5MeV at Room Temperature
- Built-in high-voltage power supply
- Power input: +12V DC @ 300mA
- Operating temp. range: -10C to +40C
- Dimensions: 121mm x 102mm x 57mm
- Max count rate: 500Kcps



### *Applications*

- Laboratory Testing of Pixelated eV-CZT<sup>®</sup> and eVASIC<sup>™</sup> Technology

### *Features*

- Operation from a Single +12V Power Supply
- On-Board Adjustable HV Bias Supply
- Easy Control of ASIC Gain and Peaking Time
- 20-Pin Ribbon Cable Connection to 16 pin Break Out Board for Access to All 16 Channel Outputs
- 500Kcps Maximum count rate