



**ESD Sensing & Process Monitoring**  
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# Embeddable ESD Monitoring

## NOVX MINIPULSE ESD EVENT DETECTOR

The Novx MiniPulse<sup>1</sup> ESD Event Detector is designed for tool and process monitoring. This affordable, small footprint embeddable monitor has been developed to warn of product damage risks at the point of electrostatic discharge. This monitor uses time domain analysis to determine radiated ESD pulses, providing standby and ESD event LED warnings as well as an audio alarm function. In addition, pulse length discrimination is implemented via a variable time buffer.

### Features and Benefits

- Small Footprint
- Red/Green LED Alarm
- Audio Alarm
- Adjustable Alarm Threshold
- Adjustable Pulse Threshold
- 9V Battery Operable
- Multi-antenna Accommodation
- Proximity Limited
- Open Collector Output
- Tool and Process Embeddable
- DC and Battery Operation
- Excellent for Auditing or Long-term Applications
- Proximity Tunable
- Specialized Antenna Options
- Portable Monitoring

1. U.S. Patent No. Pending.



# Specifications

Power Requirements	100-240 VAC, 50/60 Hz
Power Supply	12 VDC - 150 mAmp
Dimensions	2.1 W x 2.0 L x 0.75 H inches
Weight	<4 oz
Enclosure	Stainless Steel
Antenna	Micro ESD

## Special Features

The Minipulse can also be used with the 9V battery attachment for portability. This useful feature lends itself to ESD investigations in enclosed tools where power cable routing is problematic.

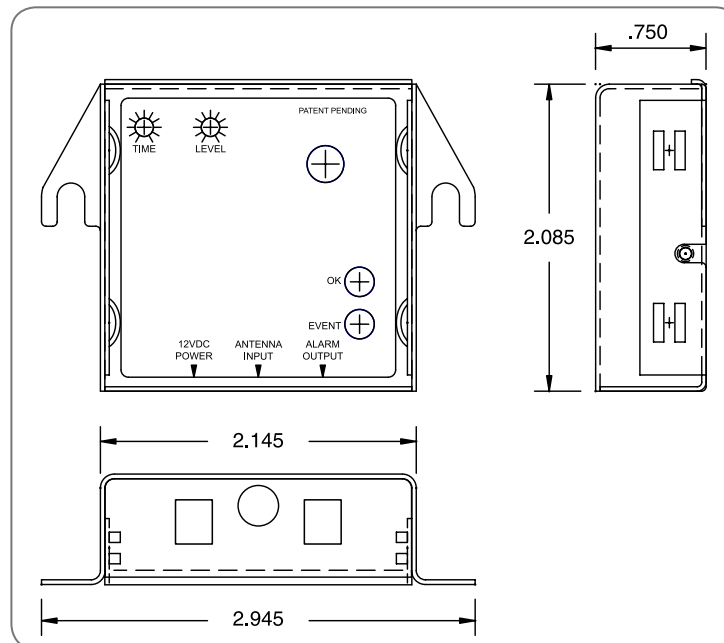
Antenna kits provide wide-area to proximity limited signal acquisition.

## Calibration

Instruments are shipped already calibrated and certified. Calibration must be validated annually to meet ISO certification compliance requirements.

## Customer Support

Technical telephone support, custom training and optional extended Service Agreements are all available. Contact your sales representative for details. Specifications are subject to frequent changes.



## ION Systems

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