

Terminus Wall Kit detects attempted entry through walls by sensing the impact caused when a material is broken, hammered, cut, sawed or strained. The wall kit contains a Terminus Shock Sensor with a retainer and conduit housing. The assembly is attached to a mounting block for easy installation on materials like wood, brick or cinder block walls, or metal.

Perimeter Protection

Shock detection systems are extremely well suited for perimeter protection because they detect disturbances while ignoring conditions in the surrounding environment including thunder, passing trains or nearby traffic.

How it Works

Two cylindrical disks sit on the points of two E-shaped contacts forming two normally closed switches. A sharp impact will cause the disk to bounce off the contacts momentarily interrupting the current flow and causing an electronic signal. Background vibrations caused by normal ambient conditions or activities are not usually sensed because they are not enough to cause the disks to leave their contacts.

The Wall Kit is used with a Terminus Processor which filters the sensors and separates background activity from intrusion attempts. Each processor features microprocessor based surface mount device (SMD) technology and will work with any alarm panel. Individual relay outputs and status LEDs for each zone indicate the current status of the system.

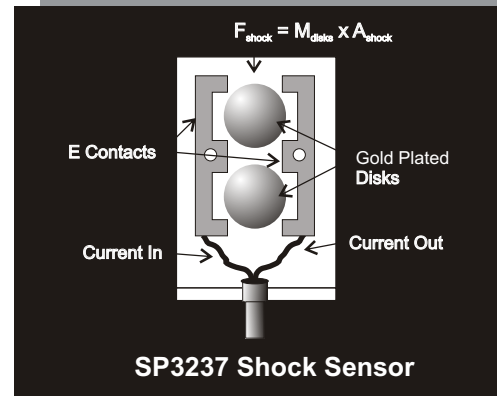
Ten Year Warranty

Every Terminus Shock Sensor is covered under a ten year limited warranty against defects in materials and workmanship.

For more information about our Terminus Processors and the complete line of Terminus perimeter intrusion detection systems contact us at 1.866.680.TERM (8376).



SP3224 Wall Kit



SP3237 Shock Sensor

Mounting Surfaces



Brick Surface



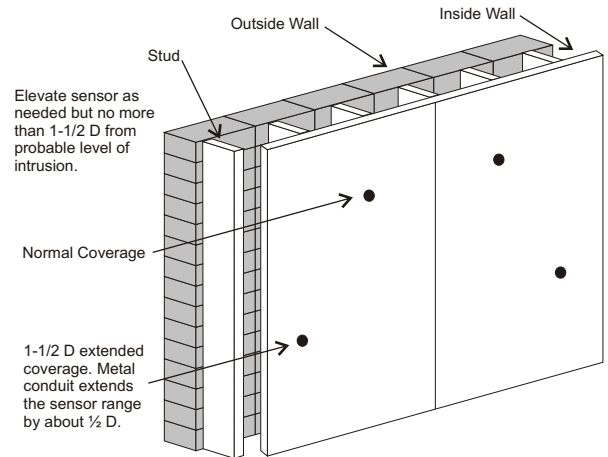
Block Surface



Metal Surface

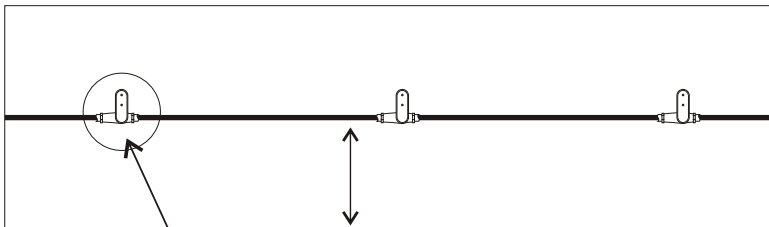
The Wall Kit uses EMT Conduit

Metal conduit can do more than simply protect wiring when used with shock sensors. Metal conduit extends the range of sensors, improves sensitivity and limits the possibility of false alarms. PVC is too flexible to conduct shock effectively and does not have a positive effect on range. When shock sensors are installed using metal conduit, the conduit becomes part of the shock sensing system. Any shock detected along the conduit is conducted directly to the sensor. Conduit extends the sensor's range if the metal conduit is anchored to the structure as shown in the diagram to the right. The Conduit should be securely attached to the wall between sensor locations.



The Wall Kit Spacing and Installation

Coverage for plywood, brick, metal or solid block walls is a five foot radius. For hollow wall a six foot radius of coverage can be expected. In all cases, test the sensors to verify coverage.



Radius of coverage or 1/2 height of wall, whichever is less.

