Motion Sensor
Instructions For Installing The Motion Sensor

The Motion Sensor is a movement sensing device specially designed to interface with a Room Alert ID box. The Motion Sensor is powered by a 12V DC power supply. It can be used to monitor a computer room, telecom closet or other location for unauthorized entry.

The Motion Sensor is designed to detect movement up to 35´ away and has a cone of coverage approximately 84° wide. For best results install the sensor to cover likely avenues of approach to and from desired locations by carefully attaching the back plate of the sensor to a ceiling or wall. To connect the Motion Sensor to the Room Alert ID box, run the sensor cable back to the Room Alert ID box and connect the wire to the contacts for a single switch sensor. There is no polarity associated with the connections on the ID Box.

> Mount the Motion Sensor where desired and run the sensor cable back to the Room Alert ID Box. Connect the sensor cable to the contacts for a single switch sensor.

To test the Motion Sensor and determine if it is working properly, walk in front of the sensor within the intended coverage area. The motion will be recognized by the Room Alert ID Box and it will generate an alarm condition or status. Managers should test the Motion Sensor on a regular basis to ensure the Motion Sensor is operating properly and as desired.

Sensor cable can be any low voltage cable such as bell wire, speaker cable, data cable or telephone cable. Minimum voltage insulation 50v, minimum current carrying capacity 1A. Maximum recommended length is approximately 100´ although shorter lengths will yield more reliable performance and distances up to 900´ are possible. Test your setup to ensure proper operation.

IMPORTANT SAFETY NOTICE

The Screw Connectors On The Sensor ID Boxes Are Volt-Free Contacts Only. Do Not Connect These Terminals To Any Live Circuit. A Qualified Electrician Should Be Consulted To Test Any Wires You Connect To The Room Alert ID Box For The Presence Of Electrical Voltages And If Any Are Detected, They Must Not Be Wired To The ID Box. The ID Box May Become Dangerous If You Connect It To A Live Circuit. Never Connect Main Power To Any Of The Room Alert Sensors Unless Specifically Instructed To Do So Using The AVTECH Software 5V Power Adapter. If Required, An AVTECH Software 5V Power Adapter Will Be Included With That Sensor. DO NOT Use Switch Sensors In 'Explosive' Environments Unless Approved For Those Environments.