



Installation Checklist for VM500-5

Device Connections

Power/Electrical Connection

- 120VAC Power Outlet with surge suppression within 5½ feet of device. (Device is shipped with 6 foot Wallmount power supply)

Telephone Connection

- RJ11 Jack to Analog Telephone Line with surge suppression within 6½ feet of device. (Device is shipped with 7 foot telephone cable. Longer cables are available from any electronics / building supply retailer)

Sensor Connections

- Temperature sensors are 2-wire sensors wired to the VM500-5 directly or using 2-conductor cable to built-in screw terminal blocks. The screwdriver required for connections is included with the device.

For short runs (under 25 feet) and installations in office environments, flat cable (such as Temperature Guard part #WIR-STANDARD) can be used.

For longer runs (25 to 300 feet) or facility installations, twisted pair cable (such as CAT5/CAT6 cable or Temperature Guard part #WIR-INDUSTRIAL) is recommended.

For even longer runs (300 to 800 feet) or facility installations, 18AWG or better twisted pair cable (such as Temperature Guard part #WIR-INDUSTRIAL) is recommended.

For environments with wireless/radio frequency communication or other EMI generating equipment, 18AWG or better shielded-twisted pair cable (such as Temperature Guard part #WIR-INDUSTRIALPLUS) is recommended.

Sensor connections to extension wire are made with splices, wire nuts, or permanent connections.

- Door sensors are 2-wire devices wired to the VM500-5 via 2 conductor cable.

Device Mounting

Available Area

- The VM500-5 requires roughly 8" x 11" of clear wall space for installation. The VM500-5 has built-in mounting flanges on the back side of the device for a surface mount installation.

A mounting template can be downloaded from:

http://www.temperatureguard.com/Manuals/VM500_Mounting.pdf