

TempDefender IT



"Your Server Room Guardian"

Benefits of the TempDefender

- Small form-factor saves on valuable rack space
- Plug 'n' Play design - Start monitoring in minutes
- SNMP-compatible - Send traps to your SNMP manager
- Receive 24/7 email notifications when environmentals cross your thresholds
- Multiple capacity options - Choose 8 standard analog inputs OR 4 digital sensor inputs (each digital sensor port supports multiple "daisy-chained" sensors, with a max. of 16 sensors per unit)
- 1-wire sensor ports (build option) support daisy-chaining and auto-databasing
- Telco-grade casing for enhanced durability
- Built-in web interface to monitor from any PC on the network
- Log sensor data with graphing for trend analysis
- Monitor environmentals and security conditions in your server room or data center
- Ping targets and service monitoring - Your server is up, but is your website accessible?
- Spring clamp connectors for easy alarm termination

Overview

Could you estimate **how much** money your company has invested in your IT server room or data center? **How much** is your network uptime worth to you? These questions might be difficult to answer, but monitoring your valuable IT equipment certainly doesn't have to be.

You need a compact, simple, and reliable device to monitor basic environmental conditions (like temperature, humidity, smoke...) around your valuable equipment. Without this basic visibility, it's just a matter of time before your investment in your server room is seriously damaged.

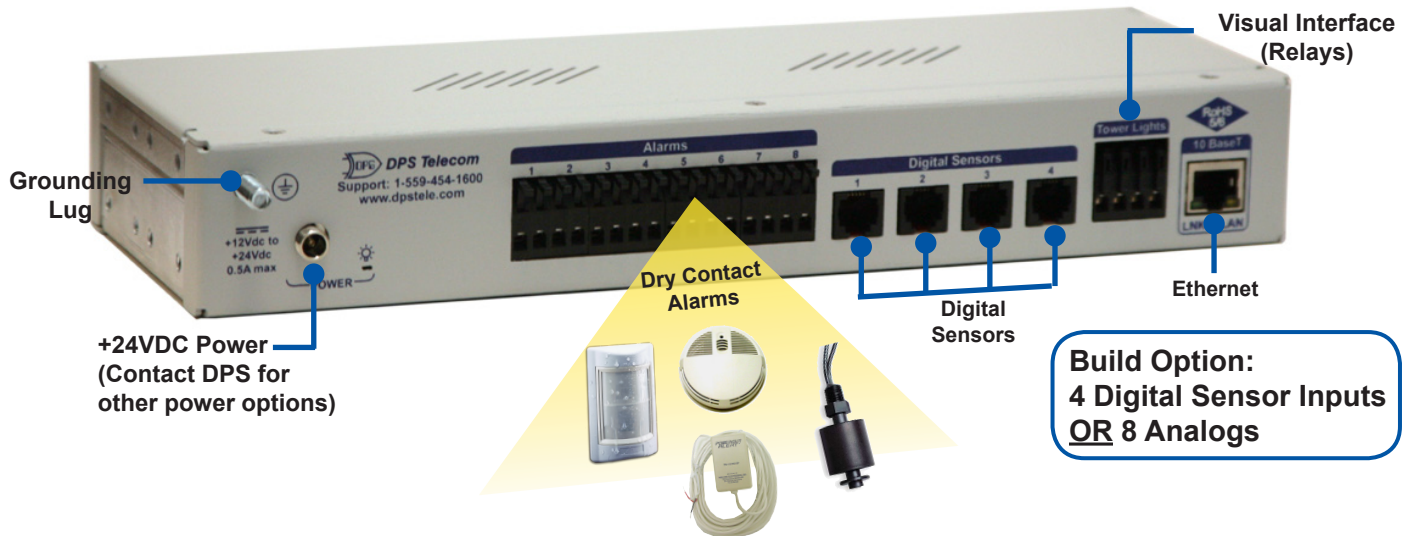
Meet the TempDefender IT

This small device keeps tabs on all the environmental levels that affect your servers, phone closets, data centers, and other equipment locations. The 8 discrete alarms on the back panel are used to monitor dry contacts, such as motion sensors, UPS, smoke detectors, flood sensors, AC and room entry. Whether you choose the 8 analogs or 4 digital sensor inputs on the back panel, you'll stay protected from these threats.

With the built-in web interface, you'll log on to the TempDefender IT from anywhere on the network to edit your threshold settings and view the current status of the room. What's the current room temperature? When was the last time someone entered the room? Get all of this information - right from your network PC.

Don't wait until the day your AC unit fails and your server closet **overheats** to start protecting your gear. This small, 1RU device alerts you of changing conditions 24 hours a day, 7 days a week, either to your cell or SNMP manager. The TempDefender IT is the cost-effective way to stay proactive in your monitoring.

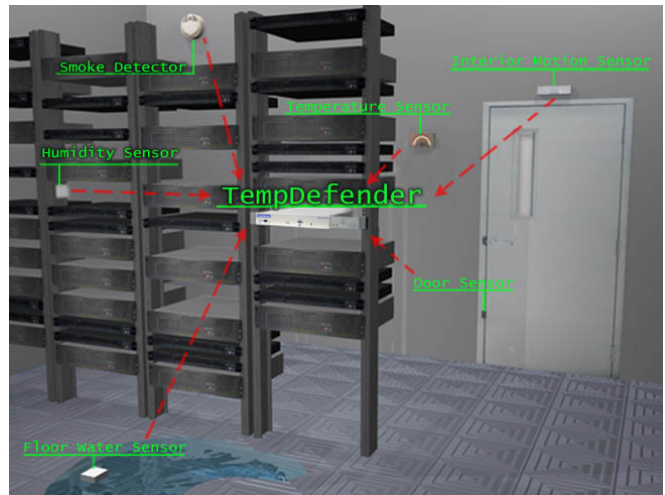
Back Panel View



**Build Option:
4 Digital Sensor Inputs
OR 8 Analogs**

Specifications

Discretes Alarms	8
Analog Alarms	8 (optional)
Input Range	-90 to 90VDC (4 to 20 mA)
Analog Thresholds	4
Digital Sensor Inputs	4 (optional)
Control Relays	2 for tower lights
Ping Targets	32
Interfaces	16 Spring clamp connectors for discretes, 16 Spring clamp connectors for optional analogs, 4 RJ12 jacks for optional digital sensors, _____ connector for relays, 1 RJ45 Ethernet port, 1 Barrel plug connector for unit power
Network Security	VLAN
Protocols	SNMPv1 and v2c, HTTP, Telnet, Email, DCPx, ICMP
Dimensions	1.720" H x 11.5" W x 4" D
Weight	1.5lbs.
Mounting	19" rack, wall mount
Power Input	+24VDC or -48VDC
Current Draw	100mA @ -24DC 50mA @ -48DC
Audible Notification	Yes, via front panel speaker
Operating Temp.	32° to 140° F (0° to 60° C)
Operating Humidity	0% to 95% non-condensing
RoHS	5 of 6



The TempDefender IT can monitor your server room/closet with smoke detectors, humidity sensors, floor water sensors, temperature sensors, and more.

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