Vertiv™ Geist™ Environmental Monitors

Overview

Environmental factors like heat, humidity and moisture pose a severe threat to mission-critical infrastructure. These dangers can be minimized by incorporating an environmental monitoring solution to collect data and alert users of potential threats. Vertiv Geist Environmental Monitors allow users to securely observe conditions and receive alerts when user defined thresholds are breached.

Benefits

- Protect critical IT infrastructure by strategically monitoring data center, server room and network closet environments.

- Expand monitoring capabilities with the addition of external sensors.

- View real time sensor data from a secure web interface and receive alerts via Email, SNMP, or Email-to-SMS.

- Receive alerts of out-of-range conditions to ensure they are addressed before resulting in downtime.

- Simple to install and configure, requires no special software other than a standard web browser.

Watchdog 100-P UN

Environmental Monitor, on-board temperature, humidity and dew-point sensors, one relay contact, capacity to add 8 additional external sensors (4 RJ12 and 4 Dry Contact/ 0-5V), built-in PoE, universal power supply included.

Part Number: Watchdog 100-P UN

Category: Monitor

Sub-Category: Environmental Monitor

Specifications and Options

Activity LED	1
Idle LED	1
Power Over Ethernet (PoE)	Yes
Power Supply Compatible with these Systems Input: AC 100-240V, 50/60Hz Output: DC 6V, 2A	British Standard (BS1363), Europlug (CEE 7/16), Australia (AS3112), North America (NEMA 5-15P), Japan (JIS 8303)
Internal Temperature Sensor	-4°F to 185°F / -20°C to 85°C
Internal Temperature Measurement Accuracy	+/-0.5°F / ±0.3°C
Internal Humidity Sensor	0% to 100% (20% to 80%)
Internal Humidity Sensor Measurement Accuracy	+/-3% (+/-2)
Dew Point Measurement Range	-37°C to 75°C, +/-2.5°C OR -35°F to 167°F, +/-4.5°F (-20°C to 80°C and 20-80%RH)
Network Connection	Ethernet via RJ45
Network Protocols Supported and Data Access Formats	HTTP, HTTPS (SSL/TLS), SMTP, DHCP, ICMP, TCP/IP, HTML (Desktop), SNMP v1/v2c, XML, CSV, JSON
Reboot Button	Yes
Remote Sensor RJ Connection Jacks	2 (Supports up to 4 Sensors)
Analog Ports	4 Dry Contact / 0-5VDC
Output Relays	1
Product Warranty	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
Certification/ Agency Approvals	RoHS Compliant
Certification/ Agency Approvals	FCC Part 15 Class A Conformance
Certification/ Agency Approvals	Complies with EN 55032 and EN 55024
Certification/ Agency Approvals	CE Marked
Chassis Dimensions (HxWxD)	1.61in x 8.50in x 2.51in / 41mm x 216mm x 64mm