

# 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

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

**Part Number:** Watchdog 100-P

**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	North America (NEMA 5-15P)
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
Heavy Steel - Powder Coat Finish	Black
Configuration	Zero U or 1U
Adjustable Mount Brackets	Yes
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

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