Part Number: BB100-P

Description:

The BB100-P is a self-contained unit with built-in PoE and on-board temperature and humidity/dew-point sensors. It has an input capacity of eight external sensors and an output of one NO/NC relay contact for triggering external devices like an auto-dialer.

Like all other Geist environmental monitors, the BB100-P allows users to keep an eye on remote conditions from a secure Web interface receiving SNMP, email, text message and voice call* alert notifications when user-adjustable thresholds are exceeded.

The Web interface provides an overview of environmental measurements with real-time sensor data. All measurements are logged allowing users to collect data for trending and capacity management. The BB100-P offers flexible access rights and security settings with up to three access account levels. It offers secure access through the Web and supports HTTP and HTTPS protocols. Up to 50 customizable alarms can be configured with alarm escalations per sensor.

The BB100-P features four 0–5VDC/dry-contact analog inputs and one digital sensor port. Up to four digital sensors can be connected using a standard splitter. A variety of optional plug-and-play sensors are available for use with the BB100-P including but not limited to, temperature, humidity, airflow, water and smoke detection sensors, door position, power failure and more. One of the unique features of the BB100-P is its relay contact port used to energize or de-energize an external device.

At just 1U high and approximately 8.5 inches wide, the BB100-P is a compact solution perfect for tight installations. The BB100-P is shipped with rack-mount brackets offering flexible wire management options. Easily view and log temperature, relative humidity/dew point and external sensors over the intranet or the Web. No software required—securely access the graphical user interface from a Web browser.

Product Highlights:

SNMP, Email and SMS Alerts

The BB100-P can trigger escalating alarms if temperature or humidity fall outside of specified parameters via SNMP (v1, v2c), email and SMS messages (email to SMS gateway). For example, specify an email notification to one or more users at 70° F, add another layer of personnel to the email alarm at 80° F, add your third party contractor at 85° F, etc. You can specify up to 50 alarms per unit.

Interface Network IP Cameras

The Web page interfaces up to four IP cameras, allowing you a quick view of remote conditions—especially useful in the event of an alarm.

No Software Required

The BB100-P is simple to install and use, requiring no special software other than a standard Web browser. The BB100-P connects to an Ethernet network with a standard RJ45 connector and sends data in standard TCP/IP packets. It is easily configured with a simple menu using a Web browser and can be password protected with three access account level types: Administrator, Control and View Only. From within an Intranet or over the Internet, users can securely access the monitor by entering its IP address.

* requires an Auto-Dialer
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Specifications:

On-board Sensors:
Temperature: -22 to 185° F (-30 to 85° C), +/- 0.5° C
Humidity: 0 to 100%, +/- 2%

Power: PoE or 6VDC power supply (included)
Ethernet: 10 Mbps, RJ-45 receptacle
Real-Time Clock (RTC) with power backup
Reset IP push-button: restores factory defaults
Standards: FCC Part 15, 802.3fc (PoE)
Warranty: 1 year (extended warranties available)

Software Features:

HTTP/HTTPS: Web access
Alarms: high/low values, multiple thresholds per sensor
ESMTP: email alerts, ESMTP auth
SNMP (v1, v2c): gets, traps and clears alerts, MIB
Paging: email to pager proxy
XML: meta-tagged sensor values, alarms, config
Syslog: send debug messages to Syslog server
Access-control: three access levels (admin, control, view only)
Web cams (optional): Up to four can be displayed

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