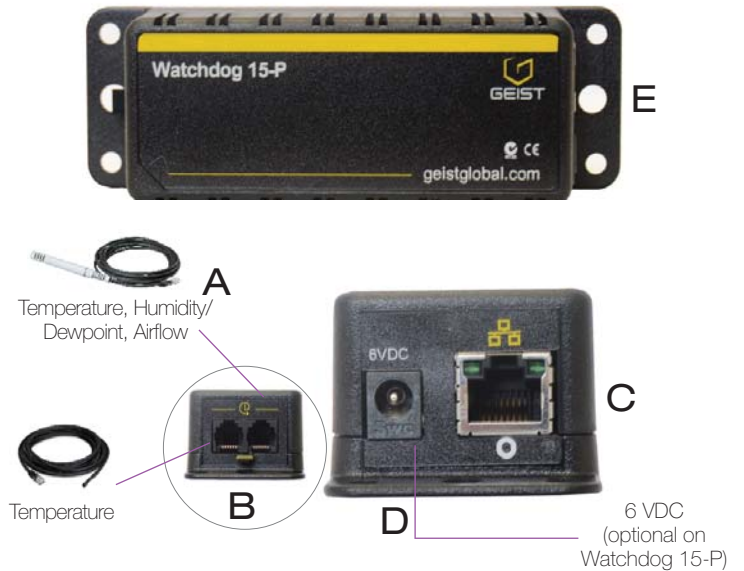


# GEIST MONITOR | Watchdog

## Watchdog 15 / Watchdog 15-P

### Features

- A** On-board temperature & humidity sensor  
Operating range: -20°C to 85°C (-4°F to 185°F)
- B** 2 digital sensor inputs
- C** Ethernet port / Power over Ethernet (Watchdog 15-P only)
- D** DC connection jack
- E** Integrated mounting bracket



### Description

This self-contained environment monitor has an on-board temperature-humidity sensor. Up to four plug-and-play digital sensors can be connected using a standard splitter. The Watchdog 15 has a built-in web server, allowing remote access to the device.

From a secure web interface, users can keep an eye on remote conditions. Environment measurements are logged and graphed for trending and capacity management. If alarm thresholds are breached, the Watchdog 15 sends alerts via email, email-to-SMS and SNMP traps.

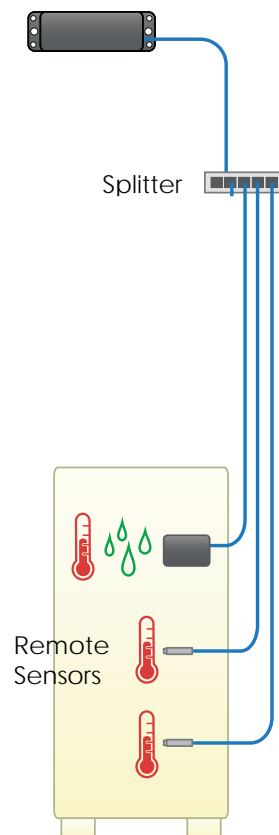
The Watchdog 15 connects to an ethernet network. Simple to install and use, no special software other than a standard web browser is needed to access and configure the device. The Web interface supports up to four IP cameras (not included), giving a quick view of remote conditions, especially useful in the event of an alarm.

Compact and light, the Watchdog 15 offers a variety of mounting options and is perfect for tight installations.

### Power over Ethernet (Watchdog 15-P)

The Watchdog 15-P has built-in Power over Ethernet, allowing the unit to be powered via the network cable or with the supplied 6 VDC power supply.

## Watchdog 15



Using a splitter, the Watchdog 15 supports up to four external sensors.

# Watchdog 15 / Watchdog 15-P

## Specifications

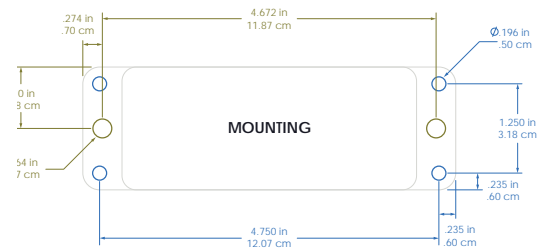
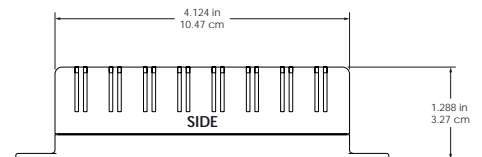
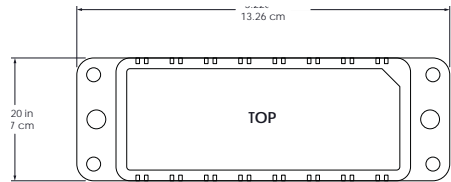
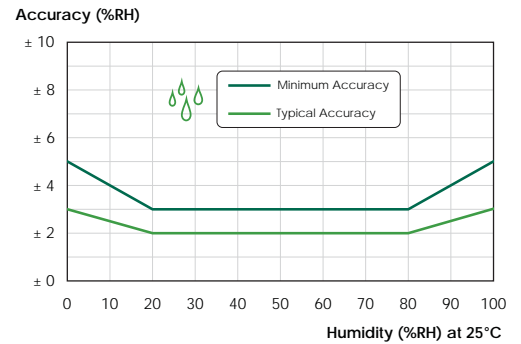
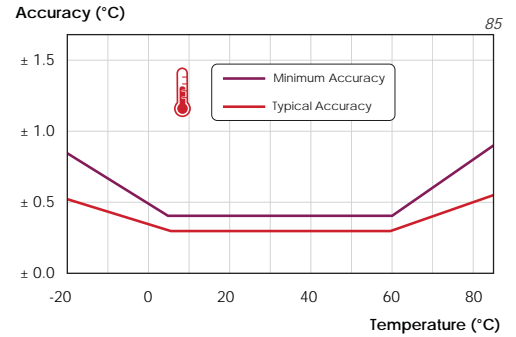
| On-Board Sensors   |                                                   |
|--------------------|---------------------------------------------------|
| Temperature        |                                                   |
| Range              | -20°C to 85°C (-4°F to 185°F)                     |
| Accuracy (typical) | ± 0.3°C (± 0.5°F)                                 |
| Accuracy (minimum) | see graph                                         |
| Relative Humidity  |                                                   |
| Range              | 0 to 100% RH                                      |
| Accuracy (typical) | ± 2.0% RH                                         |
| Accuracy (minimum) | see graph                                         |
| Dewpoint           | Calculated value, based on temperature & humidity |

| External Sensors            |   |
|-----------------------------|---|
| Digital Sensor Ports        | 2 |
| Max Digital Sensor Capacity | 4 |

| Hardware Features    |                                                                  |
|----------------------|------------------------------------------------------------------|
| Ethernet             | 10/100                                                           |
| Power                |                                                                  |
| Input                | 6 - 12VDC (250mA typ., 350mA max.)                               |
| DC Power Input Plug  | 2.1mm DC barrel, center-positive                                 |
| Power Supply Options | North American, British, Universal, None                         |
| Power Over Ethernet  | IEEE802.3af (Watchdog 15-P Only)                                 |
| "Reset" Button       | Clear IP address & passwords, or restore all to factory defaults |
| Physical             |                                                                  |
| Dimensions (WxHxD)   | 5.22" (13.26 cm) x 1.72" (4.37 cm) x 1.29" (3.27 cm)             |
| Mounting             | see diagram                                                      |

| Firmware                    |                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------|
| Real Time Sensor Data Feeds | GUI, SNMP                                                                                              |
| Environment Monitoring      | Logging & Graphing, CSV Data Logs, Event Log†, Interface with IP Surveillance Cameras                  |
| Alarms                      | Alarm Escalations, Alarm Repeat & Delay, Business Hours†                                               |
| Web Access                  | Encryption via TLS/SSL (HTTPS), 3 Access Account Levels                                                |
| SNMP Support                | Versions ( v1, v2c, v3† ), Trap Alerts ( Trip / Clear )                                                |
| Email                       | Email & Emails-to-SMS Alerts, Periodic Email Status Reports†, ESMTP Authentication, SSL/TLS Encryption |
| Localization                | Multiple Languages†, Display in Metric or US Measurements                                              |
| Protocols                   | IPv6†, IPv4, HTTP / HTTPS, DHCP, NTP, Syslog, Ping                                                     |
| Additional Features         | Friendly Names Per Sensor, Configuration Cloning†, Remote Configuration & Firmware Updates             |
| Warranty                    | 1 Year Standard Warranty                                                                               |

† will be available via firmware upgrade; est. availability, 3rd qtr. 2015



### Compliance

The Watchdog 15 / 15-P carries the CE Mark and complies with EN 55022 Class A, FCC Part 15 Class B, and EN 55024 requirements.



Please note the information contained herein is for informational purposes only. Technical claims listed depend on a series of technical assumptions. Your experience with these products may differ if you operate the products in an environment which is different from the technical assumptions. Geist reserves the right to modify these specifications without prior notice. Geist makes no warranties, express or implied, on the information contained in this document.

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