

RelayGoose II

Rev 1.05

Climate Monitor / Relay Control

Datasheet

Web-based climate monitor with output relays, digital sensor support, and expanded analog input capabilities.

- Accessible through a web browser
- 3 output relays to control external devices
- Built-in temperature sensor
- 6 analog inputs for 0-5 VDC sensors
- 4 digital sensor ports for ITW remote sensors
- LCD display cycles through sensor readings
- Multi level alarms with escalation
- Alarm notifications sent by email and SNMP
- Audible horn triggered by alarm

RelayGoose II combines climate monitoring with remote relay control. The output relays can be triggered manually or tied to specific alarm settings. Includes a built-in temperature sensor and 6 analog inputs. Supports up to 16 remote digital sensors and a total cable length up to 600'. Configure alarms to get alerts by email or SNMP. Access to data logs and graphs through a simple web interface, provided by a browser (FireFox, IE).

OUTPUT RELAYS

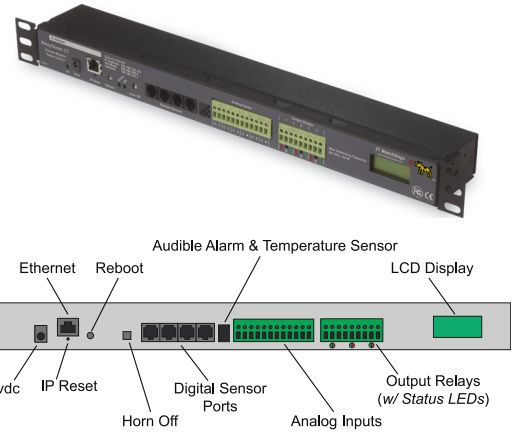
Output relays allow the RelayGoose II to control and signal external low-voltage devices. Applications would include:

- Trigger an autodialer to alert personnel by phone
- Send a signal to a building-security system
- Control a larger relay to power external equipment
- Trigger an A/C unit with dry-contact inputs
- Activate a remote warning light or buzzer

WEB INTERFACE

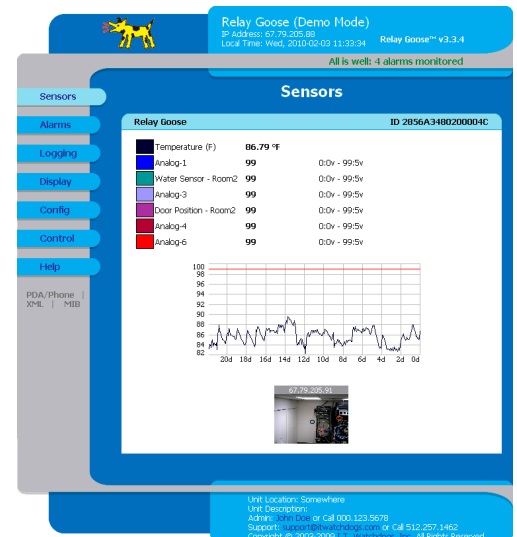
The web interface is the primary way to interact with the RelayGoose II. This allows a user to remotely check the status of the environment, view graphs and webcam images and update the firmware. Manual relay controls are also provided.

RelayGoose II is configured and administrated through the web interface. Access is user name and password protected. For added security, the device supports SSL encryption, provided by browsers using HTTPS.



The RelayGoose II occupies a 1-U space, provides environment monitoring and contains output relays controlled either manually or triggered by alarm.

Web Interface - Sensors Page



View current sensor readings and graphs on the Sensors page. The names of the analog inputs are user-defined.

Web Interface - Control Page

| Relay | Relay Name | Energized | De-energized | Mode |
|---------|------------|-----------|--------------|--|
| Relay-1 | Fan | On | Off | <input type="checkbox"/> Latching |
| Relay-2 | Relay-2 | Energized | De-energized | <input checked="" type="checkbox"/> Latching |
| Relay-3 | Relay-3 | Energized | De-energized | <input checked="" type="checkbox"/> Latching |

Use the Control page to customize relay names and relay states to fit your application.

