Whisker.IO™ Commercial Gateway

General Description

A Whisker.IO Gateway™ connects various Whisker.IO™ devices to the Internet, allowing them to be monitored, managed, and controlled remotely.

The commercial gateway is suitable for indoor use, communicates with the Internet via a built-in cellular modem, and can support up to 150 devices.

Power

The gateway is powered using the included 5V wall transformer.

Mechanical

The commercial gateway is 4x3x2" and can be mounted using recessed screw mounting holes and the included wall anchor kit. For best operation, the gateway should be mounted central to the devices being monitored and should be mounted as high as possible, preferably 10-15 feet from the ground.

Antenna

The gateway ships with our TQX-900E half-wave di-pole antenna and should give sufficient range to cover a campus, complex, or venue.

Internet Connectivity

Whisker.IO™ communicates via built in cellular. It is configured for operation at the factory and requires no setup in the field. Since Whisker.IO gateways don't require Ethernet or WiFi connection to the Internet, there are no security concerns for the IT department.

Installation

Installation is as simple as 1-2-3:
1. Mount the gateway
2. Connect power
3. Provision using mobile app

Provisioning is a simple process. Each gateway is shipped with a secret pass phrase card and unique serial number. Once the gateway is turned on, it is ready to provision. Using the Whisker.IO Mobile App, you simply enter the pass phrase and the serial number and assign the gateway with a name. Once that is complete, the gateway is ready to start connecting to devices.

New devices are added to the gateway using the same mobile app and a similar provisioning process.

Alerts

Using the mobile or desktop app, a gateway can be configured to alert people or groups of people by email, text message, or voice call when specific conditions are met.

Third Party Interaction

Although the Whisker.IO solution offers everything your company needs to build out enterprise IoT, our gateways support interaction with third party cloud platforms such as 2Lemetry, BugLabs, Exocite, Thingspeak and more.

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