IP Thermometer Basic   V4.0

Overview

IP Thermometer Basic—an easy-to-use solution for precise temperature monitoring. No soldering required, it plugs into a standard USB power supply. With its internal web server, users can access real-time temperature data and configure settings from any browser. Seamlessly integrates with IFTTT, ZABBIX, PRTG, or custom software. Supports DHCP/Static IP, provides Min-Max readings, and offers Fahrenheit/Celsius selection. Includes a 1m USB power cable and 1m non-detachable probe cable.

Features

- Complete Solution: no soldering or additional parts required, except for the power supply, and network cable.

- Reliable Sensor: utilizes the DS18B20 digital sensor for accurate temperature readings.

- Wide Temperature Range: covers temperatures from -55°C to +125°C with a resolution of 0.1°C.

- Temperature Min-Max readings.

- Fahrenheit / Celsius selectable.

- DHCP or Static IP (DHCP by default).

- Internal Web Server: access real-time temperature data and configure settings through a password-protected web interface.

- Integration Compatibility: seamlessly integrates with IFTTT, PRTG, ZABBIX, and other software platforms.

- Powered by USB, it's easy to get a power supply.

Temperature Output Options

- Web Page: view data via the optimized web interface.

- JSON: retrieve temperature readings in JSON format for easy parsing and utilization.

- HTTP Get: obtain temperature data via a simple HTTP GET request for effortless integration.

- Send temperature data to a remote server via HTTP GET requests, with support for customizable intervals and thresholds.

- IFTTT Support: empower automation with IFTTT webhooks, enabling actions based on predetermined intervals or threshold triggers.

Applications

- Environmental monitoring (e.g., server rooms, greenhouses, storage facilities)

- HVAC (Heating, Ventilation, and Air Conditioning) system monitoring

- Industrial process monitoring

- Data acquisition and logging

Specifications

- Probe sensor: DS18B20
- Temperature Range: -55°C to +125°C
- Resolution: 0.1°C
- Accuracy: ±0.5°C (-10°C to +85°C)
- Probe package: high quality stainless steel pipe anti-rust waterproof
- Probe Cable Length: approximately 1m (non-detachable)
- The network device package is made of plastic, not waterproof
- 10Base-T Ethernet Controller
- Fully Compatible with 10/100/1000Base-T Networks
- Network Protocols: TCP/IP
- Power Supply: USB
- Operating voltage: 5V
- Operating current: <200mA
- The network device package dimensions: 71 mm * 26 mm * 26mm