

## HARDWARE

Cable	Included. Detached. USB Mini B to USB Type A. 3 Meters (10 feet)
Channels	Channel ID: 00 (Temperature) Channel ID 01 (Relative Humidity)
Temperature	Probe operating range: -40°C to 70°C Accuracy: $\pm 0.3^{\circ}\text{C}$ (-20°C to 70°C), max $\pm 0.4^{\circ}\text{C}$ Resolution: 0.015°C (typical) Repeatability: 0.06°C (typical)
Relative Humidity	Operating range: 0 to 100% RH Accuracy: (at 25°C) Typical: $\pm 2\%$ from 0 to 90% RH Max: $\pm 2.5\%$ from 0 to 90% RH, $\pm 4.5\%$ from 90 to 100% RH Resolution: 0.01% RH (typical) Repeatability: 0.1% RH
Connecting Wire	0.8–1.5 mm <sup>2</sup>

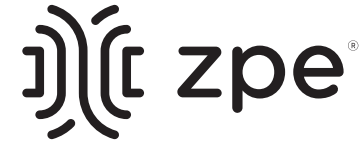
## DESCRIPTION

Acquire environmental temperature and relative humidity readings. Easily integrate the compact probe in space-constrained locations, and get precise measurements from the factory-calibrated, linearized, and temperature-compensated digital sensor chip. The built-in particle filter protects the components against dust, soot, and other particle contaminants. Control and read status using CLI, Web, SNMP, or Restful APIs.

ASSEMBLED IN THE USA

**ZPESYSTEMS.COM +1.844.4ZPESYS**

All rights reserved. September 20, 2022



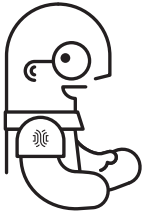
# Quick Install Guide

## ZPE Temperature & Humidity USB Sensor

ZPE-THS-U01

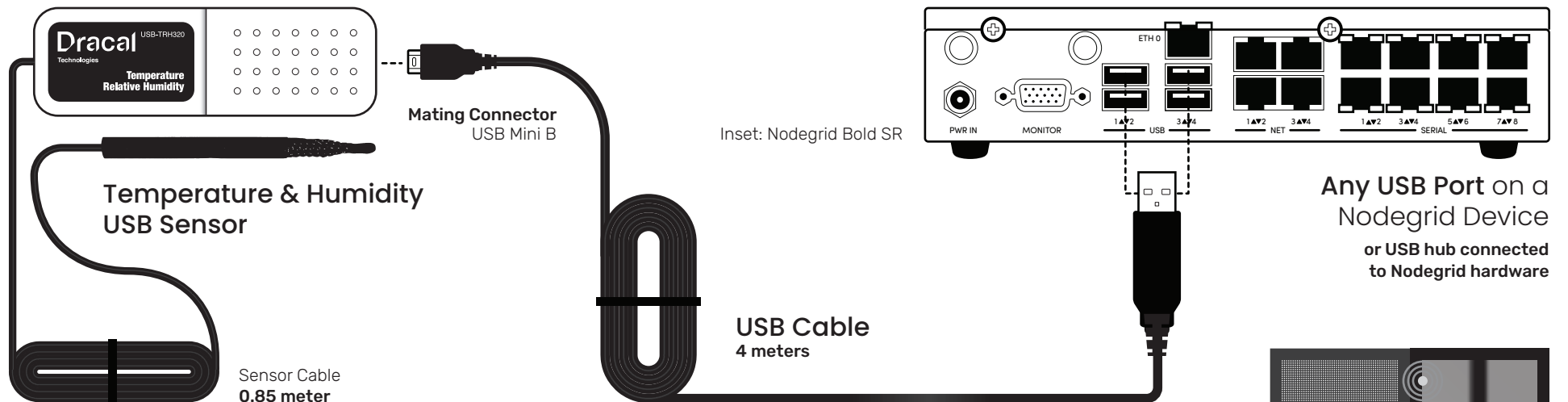
COMPATIBLE WITH  
ALL NODEGRID DEVICES

**ZPESYSTEMS.COM**



# Let's install your ZPE Temperature & Humidity USB Sensor.

- 1 Connect the sensor to any available USB 2.0 or USB 3.0 port on Nodegrid Serial Consoles, Services Routers, or USB hubs connected to Nodegrid hardware.



- 2 Ensure minimum Nodegrid OS version meets sensor requirements. Upgrade Nodegrid OS to minimum version 5.4.1

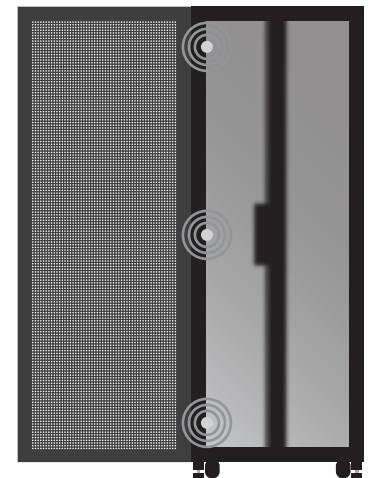


nodegridOS

- 3 For more information, visit the "Sensor Quick Install Guide" section at: <https://www.zpesystems.com/user-manuals/>



- 4 OPTIONAL: To configure data collection in ZPE Data Lake, refer to Appendix C in the latest ZPE Cloud Manual at: <https://www.zpesystems.com/user-manuals/>



We suggest placing this product here

\*Rack cage may be a different model or size