



DiscoverBus™ Wired Temperature NTC Dual Sensor



A general purpose NTC based sensor that measures local ambient air and remote surface temperature.



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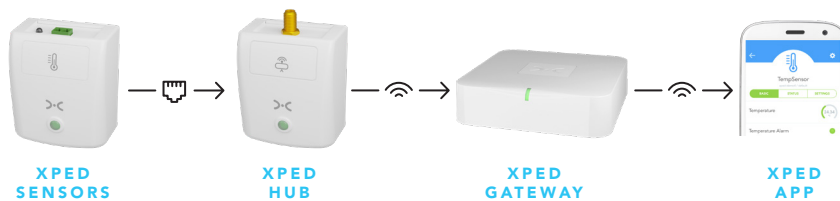
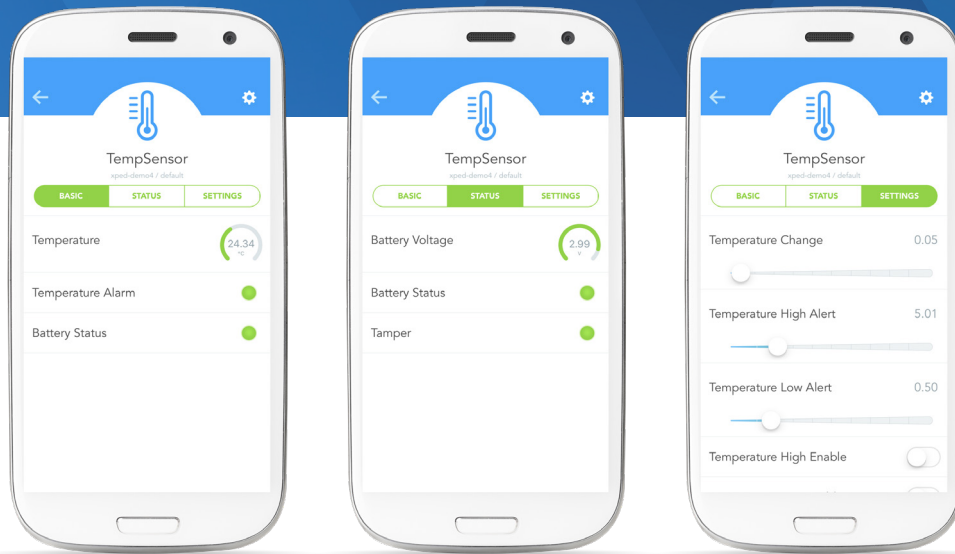
**RETAIL
SPACE**



**FACTORY
PLANT**

Measuring the ambient, or surrounding air temperature, is a fundamental driving parameter for many systems, including climate or environmental controls. Additionally, measuring surface temperatures can be a basis for controlling parameters used to maintain a system operating within normal limits. This sensor is equipped with an on-board NTC sensor to

measuring the local ambient air temperature and can receive a plug-in NTC probe to measure remote air, surface or liquid temperatures. Suitable for monitoring systems within air-conditioning systems, cold water chiller plants, or for monitoring temperatures of heatsinks, computer boards, bearings and other machine elements.



KEY FEATURES:

- > Commercial grade sensor
- > On site operation even without the Internet
- > Remote operation with the Internet
- > Fast install with DiscoverBus™ automatic onboarding to the Hub
- > Nickname support
- > Tap using NFC phone to instantly jump to the control screen
- > Automatic disconnect detect
- > LED flash locate function
- > Wired order determination
- > High and low alerts
- > Configurable sensing sample rate
- > Configurable heartbeat for periodic data
- > Threshold settings to transmit immediate changes
- > Bus voltage status checks and alerts
- > Dual temperature sensing

SPECIFICATIONS:

Supply	DiscoverBus-S (5.0 V)
Onboarding	Automatic on plug in
Data Transport	DiscoverBus-S
Operating Range	(-10 to 70) °C
Temperature Range	(-40 to 125) °C
Temperature Resolution	0.1 °C
Temperature Accuracy	±1 °C max (-40 to 125) °C
Consumption - Sleep	9 uA typical @ 25 °C
Consumption - Run	9 mA typical @ 25 °C
Dimensions	(61 x 48 x 32) mm (including standard bracket)
Region	Australia, Singapore, Malaysia, USA
Model Number	DB-TMP-105SSN



For more information, visit xped.com

Features and products are continuously being improved, as such specifications are subject to change without notice. Subject to stock holdings, product supply may incur standard manufacturing lead times to be quoted at time of enquiry. Products that utilise radio interfaces such as SubGHz, will be region specific and subject to availability on enquiry.