xped

DiscoverBus™ Wireless Temperature Sensor - 0.5°C

A general purpose digital sensor that measures ambient air temperature.

**SMART OFFICE**   **SMART BUILDING**   **DATA CENTRE**   **CLEAN ROOM**   **LEARNING CENTRE**   **RETAIL SPACE**   **FACTORY PLANT**

Measuring the ambient, or surrounding air temperature, is a fundamental driving parameter for many systems, including climate or environmental controls. This digital sensor is factory calibrated, combining high accuracy, low long term drift and low power consumption. Perfect for monitoring environments using air-conditioning systems for offices, workrooms, cleanrooms, datacentres, server rooms, food, perishables and other goods storage.

xped

XPED
SENSORS

XPED
GATEWAY

XPED
APP
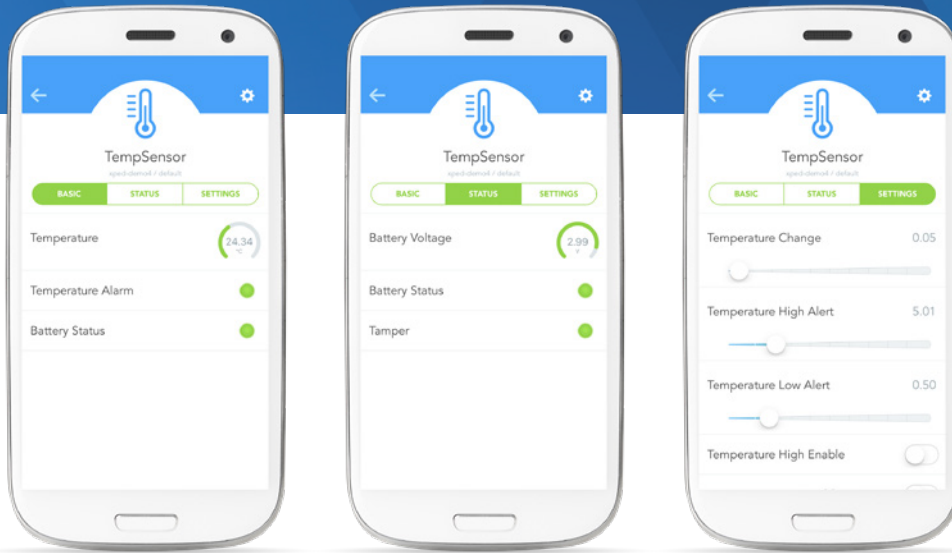
KEY FEATURES:

> Commercial grade sensor

> On site operation even without the Internet

> Remote operation with the Internet

> Fast install with onboarding to Gateway with one tap of an NFC phone

> Nickname support

> Tap using NFC phone to instantly jump to the control screen

> LED flash locate function

> High and low alerts

> Configurable sensing sample rate

> Configurable heartbeat for periodic data

> Threshold settings to transmit immediate changes

> Battery voltage status checks and alerts

> Tamper

> Signal strength indicator

> Factory calibrated digital sensor

SPECIFICATIONS:

Supply	3V Lithium Coin Cell CR2450
Onboarding	DiscoverBus NFC
Data Transport	DiscoverBus SubGHz
Operating Range	(-10 to 60) °C
Temperature Range	(-10 to 60) °C
Temperature Resolution	0.01 °C
Temperature Accuracy	±0.5 °C max (-10 to 60)°C
Consumption - Sleep	2 uA typical @ 25 °C
Consumption - Run	4 uA typical @ 25 °C with 60 s polling time
Estimated Battery Life	Up to 5 years with 300 s polling time
Dimensions	(52 x 32 x 20) mm (including standard bracket)
Region	Australia, Singapore, Malaysia, USA
Model Number	DB-TMP-105FBN

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.