



DiscoverBus™ Wired Humidity Sensor - 1.8%



A high accuracy digital sensor that measures ambient air humidity and temperature.



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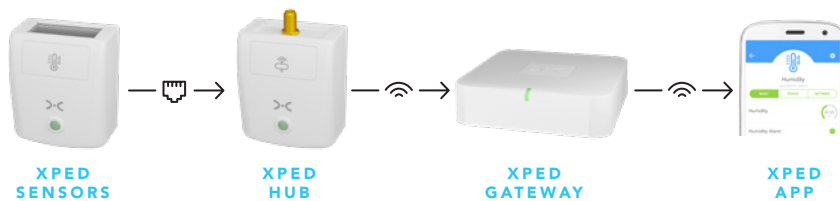
**RETAIL
SPACE**



**FACTORY
PLANT**

Measuring the ambient, or surrounding air humidity and temperature, are fundamental driving parameters 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 that require high control accuracy using air-conditioning systems, including dehumidifiers, for clean rooms, precision tool rooms, laboratories, data centres, server rooms, pharmaceuticals, food, perishables, and other goods storage.



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
- > Factory calibrated digital sensor
- > High accuracy

SPECIFICATIONS:

Supply	DiscoverBus-S (5.0 V)
Onboarding	Automatic on plug in
Data Transport	DiscoverBus-S
Operating Range	(-10 to 70) °C
Humidity Range	(0 to 100) %
Humidity Resolution	0.04 %
Humidity Accuracy	±1.8 % RH typical (20 to 80) % ±2 % RH typical (10 to 90) % ±4 % RH max (0 to 100) %, non-condensing
Temperature Range	(-10 to 70) °C
Temperature Resolution	0.01 °C
Temperature Accuracy	±0.3 °C typical (5 to 60) °C ±0.4 °C typical (-10 to 70) °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-HUM-182SSN



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.

