



DiscoverBus™ Wireless Barometric Pressure Sensor



A general purpose digital absolute pressure sensor that measures barometric pressure.



**SMART
OFFICE**



**DATA
CENTRE**



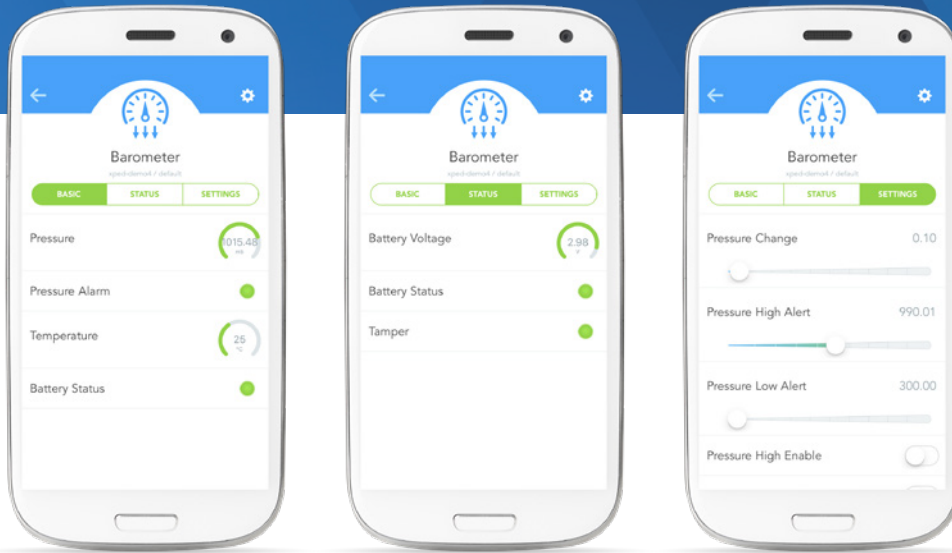
**CLEAN
ROOM**



**FACTORY
PLANT**

Barometric pressure sensors measure fluctuations in the pressure exerted by the atmosphere. They can provide data about weather, room pressure, altitude, etc. Can be used as a basis for weather stations for monitoring

climactic conditions, or for measuring air pressure in pressurised rooms, often utilised in clean rooms and data centres where critical climate control systems are employed.



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
Pressure Range	(260 to 1260) hPa
Pressure Resolution	0.01 hPa
Pressure Accuracy	±4 hPa typical over (0 to 60) °C
Consumption - Sleep	5 uA typical @ 25 °C
Consumption - Run	10 uA typical @ 25 °C with 60 s polling time
Estimated Battery Life	Up to 3 years with 300 s polling time
Dimensions	(52 x 32 x 20) mm (including standard bracket)
Region	Australia, Singapore, Malaysia, USA
Model Number	DB-BAR-101FBN



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.

