



# DiscoverBus™ Wired Barometric Pressure Sensor



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



**SMART  
OFFICE**



**DATA  
CENTRE**



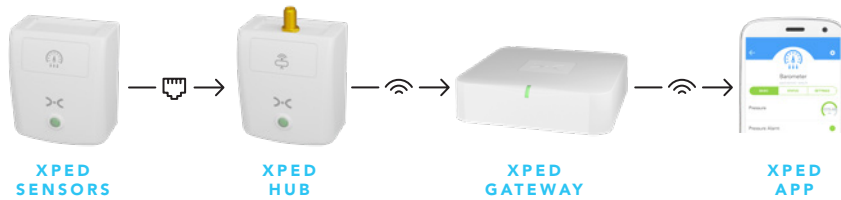
**CLEAN  
ROOM**



**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 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

## SPECIFICATIONS:

Supply	DiscoverBus-S (5.0 V)
Onboarding	Automatic on plug in
Data Transport	DiscoverBus-S
Operating Range	(-10 to 70) °C
Pressure Range	(260 to 1260) hPa
Pressure Resolution	0.01 hPa
Pressure Accuracy	±4 hPa typical over (0 to 60) °C
Consumption - Sleep	15 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-BAR-101SSN



For more information, visit [xped.com](http://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.

