



DiscoverBus™ Wireless Tilt Sensor



A digital 3 axis accelerometer based tilt sensor that measure angle of inclination from the horizontal.



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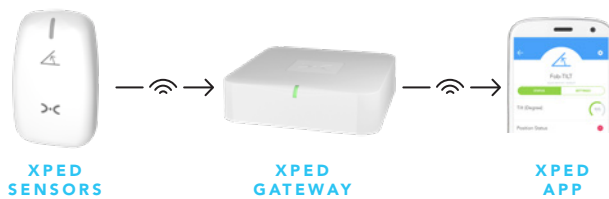
RETAIL
SPACE



FACTORY
PLANT

This general purpose angle position sensor provides a non-contact sensing solution. With no moving parts, position data can be provided without wear or reduction in accuracy over a virtually infinite cycle life. This digital sensor is factory calibrated, combining low long term drift and low power consumption. This sensor is suitable for general purpose tilt sensing such

as detecting if a window is open, an object has fallen over, conveyer or elevator inclination, correct box orientation, flap style pet entries, etc. Many air-conditioners are controlled locally using an infra-red remote, so there is no simple way to know if it is running when off site. Mounting this sensor on the air-conditioner louvers can provide feedback of its running state.



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
Angle Range	3 axis, 0 to 360°
Angle Resolution	±1.4°
Angle Accuracy	±2.0°
Consumption - Sleep	5 uA typical @ 25 °C
Consumption - Run	10 uA typical @ 25 °C with 60 s polling time
Estimated Battery Life	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-TLT-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.

