xped

DiscoverBus™ Wired Ambient Light Sensor

A digital light sensor that measures visible ambient light intensity, matching the human eye's response to light.

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

This ambient light intensity sensor is well suited to control systems that create light-based experiences for humans. This digital sensor has a strong rejection to ultra violet light, thus having a response that matches the human eye. It also combines wide dynamic range and low power consumption. Having the ability to measure or trigger alerts from light intensity, allows this sensor to drive rules that can control other devices and systems such as relays, lights, alarms, etc. It is suited to indicating whether lights are left on, sending alerts that can be used to turn lights off, conserving power, measuring light levels in photographic dark rooms, controlling the lighting levels of rooms, backlights, outdoor and traffic street lighting, etc.

XPED
SENSORS

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HUB

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GATEWAY

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APP
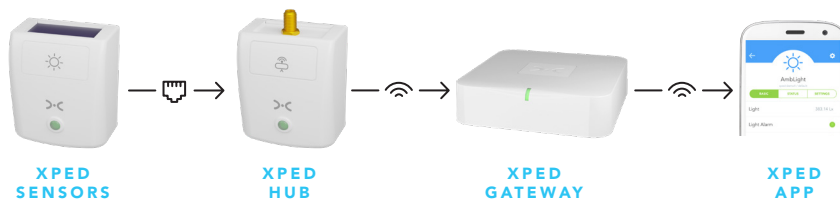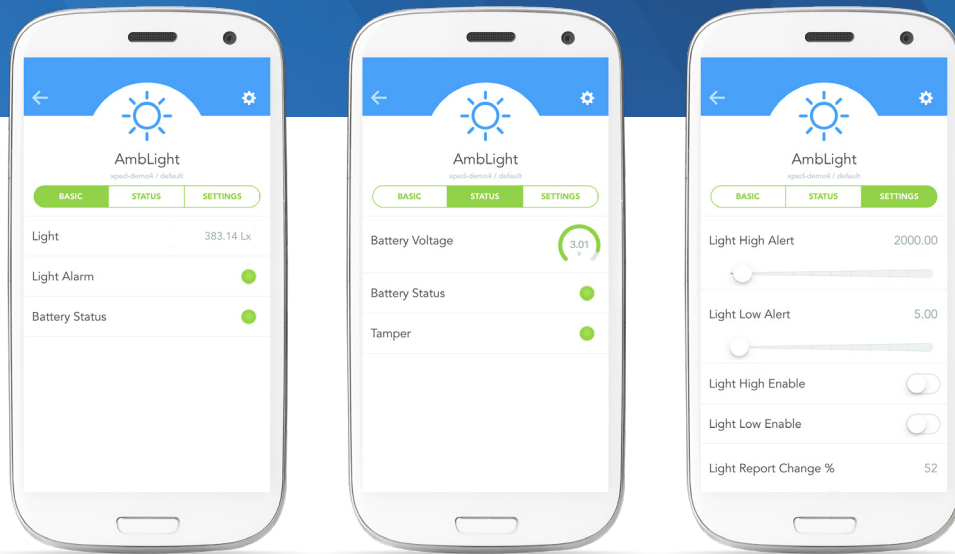
KEY FEATURES:

> 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

SPECIFICATIONS:

Supply	DiscoverBus-S (5.0 V)
Onboarding	Automatic on plug in
Data Transport	DiscoverBus-S
Operating Range	(-10 to 70) °C
Light Range	(0.01 to 83k) Lux
Light Resolution	0.01 Lux
Light Accuracy	5% typical
Consumption - Sleep	5 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-AMBL-101SSN

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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.