



DiscoverBus™ Wired Multi IO Controller



A general purpose 2 input and 2 output IO controller for interfacing with third party products.



**SMART
OFFICE**



**SMART
BUILDING**



**DATA
CENTRE**



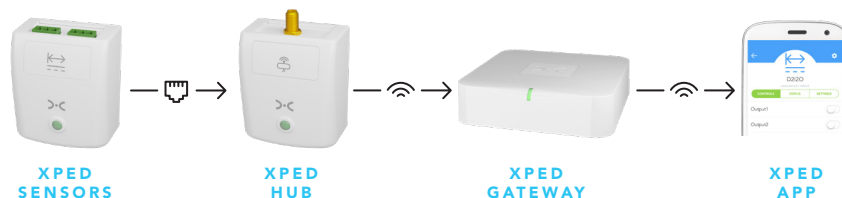
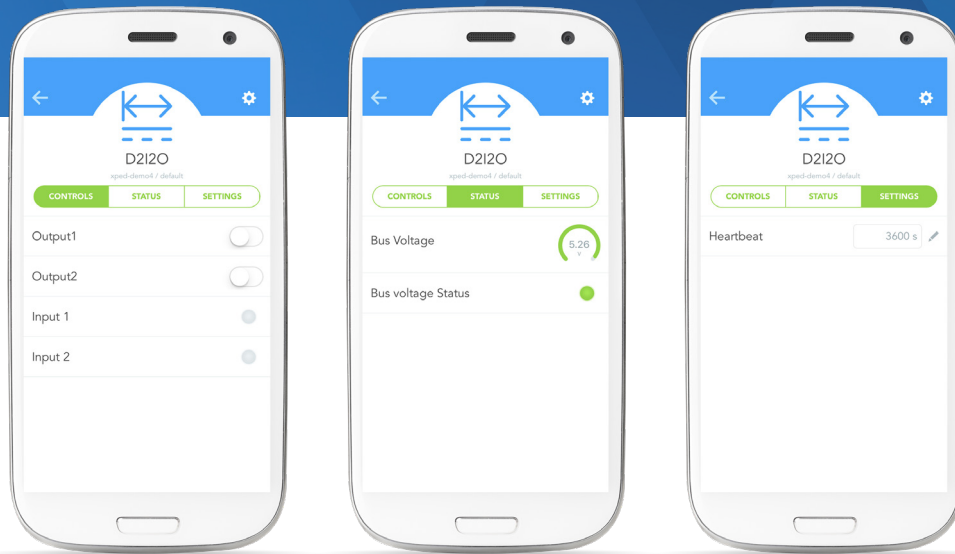
**RETAIL
SPACE**



**FACTORY
PLANT**

This device enables traditional, non-IoT devices, to be monitored and controlled using the Xped IoT platform. The inputs can be used to monitor the state of a device by detecting whether a voltage is present or not, or whether a dry contact is open or closed. Some uses include interfacing to existing PIR motion detectors, door and window sensors, alarm systems, machines and motor controls, etc. The open drain

outputs switch to ground when turned on and float when turned off. The device's supply is wired to external power and its ground wired to the output, which switches to ground when the output is turned on; powering the device. The outputs can be used to drive indicator LED's, relays, sirens or buzzers, etc. allowing a simple means of interfacing with third party systems.



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
- > Universal inputs detect voltage present or dry contact change
- > Open drain outputs offer flexible switching capability

SPECIFICATIONS:

Supply	DiscoverBus-S (5.0 V)
Onboarding	Automatic on plug in
Data Transport	DiscoverBus-S
Operating Range	(-10 to 70) °C
Configuration	2 x level/contact sense inputs, 2 x open drain outputs
Input Voltage Range	Low State: (0 to 400) mV High State: (2.5 to 12) V, 16 V abs. max.
Output Drive Type	Open drain, 16 V max
Output Drive Current	500 mA max
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-MIO-122SSN



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.