

4x Digital Output Phidget



If the 3.3V digital output mode of your hub's VINT port is not powerful enough, or if you just need more digital outputs, this cost-effective output module has you covered. This board adds four 5V digital outputs to your VINT hub, allowing you to control LEDs, relays, and other logic-level electronics. See the Connection & Compatibility tab for a list of VINT Hubs.

PWM-Enabled

Each digital output is capable of pulse-width modulation, allowing you to select a duty cycle between 0% and 100% power. This is particularly useful for dimmable electronics such as LEDs or fans. Wiring is simple since each output terminal has a ground terminal beside it, leading to the board's shared ground.

Product Specifications

Board Properties

Controlled By
VINT

Digital Outputs

Number of Digital Outputs
4

Series Resistance
127 Ω

Digital Output Voltage Min
0 V DC

Digital Output Voltage Max
5 V DC

Digital Output Current Max
16 mA

PWM Frequency
16 kHz

PWM Resolution
0.1 %

Electrical Properties

Current Consumption Min
23 μ A

Current Consumption Max
150 mA

Physical Properties

Recommended Wire Size
16 – 26 AWG

Operating Temperature Max
85 °C

Operating Temperature Min
-40 °C