

# 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  $\Omega$

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  $\mu$ A

Current Consumption Max  
150 mA

## Physical Properties

Recommended Wire Size  
16 – 26 AWG

Operating Temperature Max  
85 °C

Operating Temperature Min  
-40 °C