16x Isolated Digital Input Phidget

If you need to read a whole bunch of logic-level signals, this input module adds sixteen active-high digital inputs using just one port on your **VINT Hub**. They're also more resilient than a VINT port running in digital input mode, able to withstand up to 30V. Whether you're reading buttons, switches, or logic-level outputs from other devices, this module offers the most efficient use of your VINT ports.

Isolated for Stability

The VINT port on this board is electrically isolated from the digital inputs, preventing instability from ground loops. Each input is also isolated from one another, cutting down on cross-channel interference.

Product Specifications

Board Properties	
Controlled By	VINT
Electrical Properties	
Current Consumption Min	100 ?¼A
Current Consumption Max	8 mA
Digital Inputs	
Number of Digital Inputs	16
Low Voltage Max (False)	1.3 V DC
High Voltage Min (True)	2.5 V DC
Low Voltage Trigger Length Min	0.2 ms
High Voltage Trigger Length Min	0.05 ms
Digital Input Voltage Max	30 V DC
Digital Input Current	2.5 mA
Digital Input Type	Powered
Physical Properties	
Recommended Wire Size	16 – 26 AWG
Operating Temperature Min	-40 ?°C
Operating Temperature Max	85 ?°C