

PRODUCT BRIEF

Presentation

The VEMIO Product series provides USB connected IO interfaces which can be ideally used to build vending machines with hosts like Raspberry Pi, Intel NUC and other standard computers.

The devices use a virtual USB Serial connection and an ASCII protocol (line based) so they are very easy to use and control from a host.



Features

- Keypad simulator;
- Matrix drivers (high and low side drivers for 12V or 24V systems);
- Current detection;
- Control signal scanning;
- Analog Input Reading.

VEMIO-1

TECHNICAL SPECIFICATIONS

Interfaces

USB 2.0 Connectory type B

CPU

PIC16F1455

Power Requirements

9V/24V power supply input
5V from USB connection

User Interface

x Digital Inputs
2x Analog Inputs
4x Driver Low
8x Driver High
1x 4x4 Keypad Simulation

Measurement/Mechanics

106mm x 85mm x 32mm

Weight

120g

Warranty

2 years

ENVIRONMENTAL

Operating Environment

0°C to + 50° / 32 to 122°F environmental
0 - 70% relative humidity, non-condensing

Storage Conditions

-20°C to + 70° / -4 to 158°F
0 - 70% relative humidity, non-condensing

CERTIFICATIONS

RoHS

ORDERING INFORMATION

ORDER NUMBER P0014Q

For commercial related questions
(distributors contacts, price list, business
opportunities) please contact **sales@qiba.pt**

For technical inquiries (problem reports,
request for documentation, etc.) please
contact **info@qiba.pt**