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MDB-USB INTERFACE ULTRA

PRODUCT BRIEF

Presentation

The MDB-USB Interface Ultra by Qibixx is an MDB to USB/Serial converter. It can connect to the vending machine controller (VMC) via Multi Drop Bus and emulate payment peripherals or be used to control the payment peripherals as the Vending Machine Controller itself.
Additionally, with the sniffer functionality it can be used in development of telemetry solutions.
The device works driverless on Linux, Mac and Windows and only needs serial connection via USB to the host.

Features

USB 2.0 Interface;
Dual MDB Connectors with Master and Slave functions;
2 Relay Outputs controllable via Auto Mode;
USB-A Socket and screw terminal connector with 5V Power Output, converted from MDB power, max 3A;
RS-232 Interface (for special applications);
I/O For Auto Mode
2 year warranty

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TECHNICAL SPECIFICATIONS

Interfaces

2x MDB Connectors;
USB 2.0 Connector type B;
1x USB-A Power Output;
RS232 Interface;
2x Relay Outputs;
2x I/O Molex Connector;

CPU

GD32

Power Requirements

5V from USB
20...42,5V from the MDB Bus as defined on the MDB Protocol Specification

User Interface

4x LED Status (TX & RX)

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

FCC, CE, RoHS

ORDERING INFORMATION

ORDER NUMBER P0018Q

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**

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