

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

- MDB Ports (VMC and Peripheral)
- USB Serial supported in Windows, Linux and Mac OS
- Precise, time-stamped sniffing from bus
- USB-A Power Output
- External Power Output
- 2 Relays Controllable via USB
- RS232 for serial connection or special applications
- Produced and developed in Europe
- 2 year warranty

MDB-USB INTERFACE ULTRA

TECHNICAL SPECIFICATIONS

Interfaces

- 2 MDB Connectors;
- USB 2.0 Connectory type B;
- RS232 Interface

CPU

- GD32

Power Requirements

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

User Interface

- 2x RGB LED for Master Connector Status (TX & RX)
- 2x RGB LED for Slave Connector Status (TX & RX)
- Serial Console

ENVIRONMENTAL

Operating Environment

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

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

Measurement/Mechanics

- 106mm x 85mm x 32mm

Weight

- 120g

Warranty

- 2 years

Storage Conditions

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

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