

PRODUCT BRIEF

Presentation

The MDB-USB Interface by Qibixx is a MDB to USB converter. It connects the vending machine controller (VMC) to Multi Drop Bus controlled devices and works driverless on Linux, Mac and Windows. It also features Master and Slave functions making it possible to fit cashless systems to your vending machine or sniffing the MDB Bus to get data and telemetry.



Features

- Universal MDB-USB Interface;
- USB supported by Windows, Linux and MacOS;
- MDB-Master and MDB-Slave;
- Precise, time-stamped sniffing from MDB bus;
- Highlevel, easy to implement serial interface protocol;
- Produced and Developed in Europe;
- 2 years warranty;

MDB-USB INTERFACE

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TECHNICAL SPECIFICATIONS

Interfaces

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

CPU

- STM32

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)

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

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

CERTIFICATIONS

FCC, CE, RoHS

ORDERING INFORMATION

ORDER NUMBER XXXX_XXX

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