

KEACON Alpha

The KEACON Alpha is a reliable Bluetooth Low Energy to USB Interface. The main purpose of the Device is to perform communications between fixed cashier stations and mobile devices Beacon for Mobile Payment Applications. The KEACON was developed and produced for TWINT.

Summary

- Bluetooth Low Energy 4.0
- USB Port
- Simple and small Case
- 2 year warranty
- Developed in Switzerland, manufactured in the EU



Application

- Mobile Payment
- Marketing Data Transfer

Specification

- USB 2.0 to serial interface (PL2303TA)
- TTL to serial interface
- Serial Port Interface settings:
115200,n,1 – w/out flow control
- Bluetooth specs 4.0, 2.4 GHz ISM Band w/
GFSK
- Output Power: -23dBm 4dBm
- PKI Certificate for secure connection
- 5V Power via USB, max 50mA
- Power input max. 0.25W
- CPU TI CC2540, 128kByte oder 256kByte
Speicher
- PCB Antenna for Bluetooth
- Bright white LED, max. 60mW
- Daemon and DLL for Linux and Windows
- Default USB Driver
- 50.23 (w) x 50.23 (l) x 10.6 (h) mm dimensions
- 1m USB type A connection cable
- 0.055 kg weight
- Storage temperature -40 to 85°C
- Operating temperature -10 to 60°C
- 5-95% RH (non-condensing)
- 3000m altitude max.
- Case security class IP30
- CE „B“ Conformity (Home and Office use)