The Parani-UD100 is a class 1 type Bluetooth USB adapter that supports 300 meters of wireless transmission distance by default. The working distance can be further extended up to 600 meters using 5 dipole antenna. Thanks to its longer communication distance than other regular Bluetooth USB adapters, it is suitable for industrial or special applications. Parani-UD100 is compatible with other Sena Bluetooth devices perfectly.

Features

- Supports Bluetooth stack v4.0
- USB2.0
- Supports Bluetooth DUN, FAX, SPP, HID, FTP, OPP, A2DP, AVRCP, HSP, HFP, PAN, BPP profiles
- Supports up to 7 simultaneous connections
- Easy to use Windows configuration tool available
- Bluetooth driver needed (Bluesoleil driver)
- Easy to use Windows configuration tool available
  Working distance (In an open field): Normally 300 meters, up to 600 meters using 5 dipole antenna

Specifications

Standards
- Bluetooth 4.0 Class 1
- USB 2.0

Max Transfer Rate: 3 Mbps (EDR)

Frequency Range: 2.402 ~ 2.480GHz

Transmit Output Power: +19dBm (+6dBm EDR) E.I.R.P

Receive Sensitivity
- Basic 1Mbps: -90 dBm
- EDR 2Mbps: -88 dBm
- EDR 3Mbps: -86 dBm

Antenna Connector: RP-SMA

Antenna Gain
- Default Stub Antenna: 1 dBi
- Optional Dipole Antennas: 3 dBi & 5 dBi

Working Distance(In Open Field)
- Stub antenna – Stub antenna: 300 m
- Dipole (3 dBi) – Dipole (3 dBi): 400 m
- Dipole (5 dBi) – Dipole (5 dBi): 600 m
* working distance can vary depending on install environment

Bluetooth stack software: BlueSoleil

Bluetooth Profiles: DUN, FAX, SPP, HID, FTP, OPP, A2DP, AVRCP, HSP, HFP, PAN, BPP

Computer OS Support
- Windows XP/Vista/7/8 (32/64bit)
- Linux (3rd party driver required)
- MAC OS X (MAC OS X driver required)

Size: 72(L) x 22(W) x 10(H) mm

Operating Temperature: -20 ~ +70˚C

Storage Temperature: -40 ~ +85˚C

Humidity: 90% Non-condensing

Regulatory Approvals: FCC, CE, TELEC, KCC, Bluetooth SIG

Warranty: 1 year limited warranty

Exterior

Ordering Information

UD100-G03 Includes
- Parani-UD100
- Stub antenna
- Quick Start Guide(BlueSoleil)
- CD-ROM including Windows Bluetooth driver, User Guide and Data sheet

Optional Accessories
- SAT-G01R: 1 dBi Stub Antenna - RP-SMA Plug Right-hand Thread
- DAT-G01R: 3 dBi Dipole Antenna - RP-SMA Plug Right-hand Thread
- DAT5-G01R: 5 dBi Dipole Antenna - RP-SMA Plug Right-hand Thread
- SEC-G01R: 15cm Extension Cable
    (For SAT-G01R / DAT-G01R / DAT5-G01R)

For more information,
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