



Bluetooth USB adapter, Parani™ UD100

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+EDR
- 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+EDR 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,
please visit us at <http://www.sena.com>

U.S. / Canada / South America

Tel: 408-448-1997 Fax: 408-907-3738

Sales and Support Toll Free (US/Canada): 8669-US-SENA (866-987-7362)

General Information Toll Free (US/Canada): 8668-US-SENA (866-887-7362)

EU / Africa

Tel: +33 (0)1 53 53 16 29 Fax: +33 (0)1 70 24 70 90

Asia / Pacific

Tel: +82-2-576-7362 Fax: +82-2-573-7710

Contact us via E-mail

General Information: info@sena.com

Sales & Distribution: sales@sena.com

Technical Support: support@sena.com

SENA
www.sena.com