

Parani-UD100

Bluetooth USB Adapter



300m or More Working Distance Bluetooth USB Adapter, Parani-UD100

- Bluetooth 2.0+EDR Class 1
- Working distance 300m, up to 1000m using optional antenna
- USB 2.0 interface
- Bluetooth driver CD (Toshiba driver)
- Compatible with other SENA Bluetooth devices perfectly
- Certificate trust list

Bluetooth™ v2.0+EDR



Bluetooth 2.0+EDR Class 1

Parani-UD100 supports latest Bluetooth Specification 2.0+EDR (Enhanced Data Rate) which is more powerful and stable compared to previous Bluetooth standards.

Working distance 300m, up to 1000m using optional antenna

Parani-UD100 supports 300 meters of wireless transmission distance by default. The working distance can be further extended up to 1000 meters using optional replacement antenna (PAT-G01R). It is suitable for industrial or special applications



Default 300m,
Up to 1000m
with optional antennas!

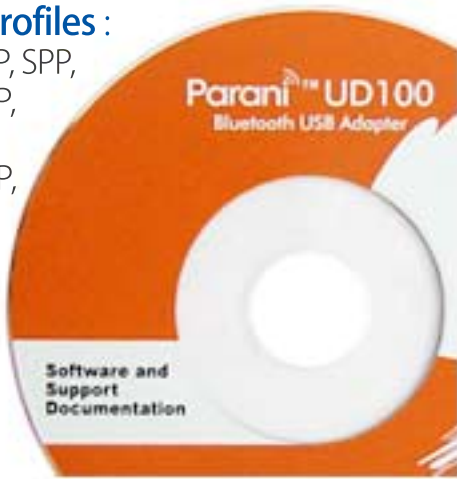
USB 2.0 interface

USB 2.0 interface is supported.



Bluetooth Profiles :

DUN, FAX, LAP, SPP,
HID, HCRP, FTP,
OPP, A2DP,
AVRCP, GAVDP,
HSP, HFP,
PAN, BIP



Bluetooth driver CD (Toshiba driver)

Toshiba driver CD is included as Bluetooth driver CD.

Compatible with other SENA Bluetooth devices perfectly

Parani-UD100 is compatible with other SENA Bluetooth devices, such as Parani-ESD series, Parani-SD series, and Parani-MSP series perfectly.



Certificate trust list

Parani-UD100 has a signed list of certificates that are considered trustworthy by trusted agencies.

- FCC, CE, TELEC, KCC and Bluetooth SIG

Single Unit Pack Includes

Quick Start Guide



CD-ROM



Parani-UD100

Specifications

Standards

- Bluetooth 2.0+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 : -88 dBm
- EDR 2Mbps : -87dBm
- EDR 3Mbps : -82dBm

Antenna Connector : RP-SMA

Antenna Gain

- Default Stub Antenna : 1 dBi
- Optional Dipole Antennas : 3 dBi & 5 dBi
- Optional Patch Antenna : 9 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
 - Patch antenna – Patch antenna: 1 km
- * working distance can vary depending on install environment*

Bluetooth stack software : Toshiba

Bluetooth Profiles

- DUN, FAX, LAP, SPP, HID, HCRP, FTP, OPP, A2DP, AVRCP, GAVDP, HSP, HFP,PAN, BIP

Computer OS Support

- Windows 2000/XP/Vista (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

For more information, please visit at [Parani-SD1000 Page!](#)