

블루투스 USB 어댑터, Parani™ SD1000U



특징

- Bluetooth Specification v2.0 + EDR Class 1
- Working distance (In an open field): Normally 300 meters, up to 1000m using patch antenna
- USB 2.0 interface
- Supports Windows, Linux, Mac OS and Windows CE.NET operating systems.
- No Bluetooth driver required.
(No Toshiba or BlueSoleil driver required.)
- Provides transparent RS232 serial cable replacement for PC
- Supports Bluetooth Serial Port Profile (SPP)
- Supports up to 4 multiple simultaneous connections
- Interoperability with laptops, PDA terminals etc.
- Easy to use Windows configuration tool available.

Parani-SD1000U는 기본 통신거리 300m를 지원하는 class 1 타입 블루투스 USB 어댑터입니다. 교체 가능한 옵션 안테나를 이용하면, 최대 1000미터까지 통신거리를 연장시킬 수 있습니다. 일반적인 블루투스 USB 어댑터 보다 긴 통신거리를 제공하는 Parani-SD1000U는 산업용 또는 특수 목적으로 적합합니다.

외관



기술 사양

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

- +18dBm

Receive Sensitivity

- Basic 1Mbps: -90dBm
- EDR 2Mbps: -88dBm
- EDR 3Mbps: -87dBm

Diagnostic LED

- Mode
- Connect
- Serial-Rx/Tx

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 meters
Dipole Antenna (3 dBi)	- Dipole Antenna (3 dBi)	400 meters
Dipole Antenna (5 dBi)	- Dipole Antenna (5 dBi)	600 meters
Patch Antenna	- Patch Antenna	1,000 meters

Driver Software

- FTDI(FT232R) USB-Serial driver in public domain (<http://www.ftdichip.com/Drivers/VCP.htm>)
- No Toshiba or BlueSoleil driver required.

Supported Bluetooth Profiles

- Serial Port Profile (SPP)

Computer OS Support

- Windows 8.1
- Windows 8.1 x64
- Windows 8
- Windows 8 x64
- Windows Server2012
- Windows Server 2008 R2
- Windows 7
- Windows 7 x64
- Windows Server 2008
- Windows Server 2008 x64
- Windows Vista
- Windows Vista x64
- Windows Server 2003
- Windows Server 2003 x64
- Windows XP
- Windows XP x64
- Windows ME
- Windows 98
- Linux
- Mac OS X
- Mac OS 9
- Mac OS 8
- Windows CE.NET (Version 4.2 and greater)
- Android
- Windows RT

Environmental

- Operating Temperature: -40°C ~ +85°C
- Storage Temperature: -40°C ~ +85°C
- Humidity: 90% Non-condensing

Physical properties

- Dimension (L x W x H)
 - 68 mm x 22 mm x 11.5mm (2.6 in x 0.8 in x 0.4 in) without cap
 - 71 mm x 22 mm x 11.5mm (2.7 in x 0.8 in x 0.4 in) with cap
 - 97 mm x 22 mm x 11.5mm (3.8 in x 0.8 in x 0.4 in) with cap&1dBi stub
- Weight: 56 g

Regulatory Approvals

- FCC, CE, TELEC, KCC, IC, Bluetooth SIG

Warranty

- 1 year limited warranty

주문 정보

SD1000U-G02 포함내역

- Parani-SD1000U
- Stub antenna
- Quick Start Guide
- CD-ROM including Driver, User guide and Data sheet

Optional Accessories

- SAT-G01R: 1dBi 스테브 안테나 - RP-SMA-오른나사
- DAT-G01R: 3dBi 다이폴 안테나 - RP-SMA-오른나사
- DAT5-G01R: 5dBi 다이폴 안테나 - RP-SMA-오른나사
- PAT-G01R: 9dBi 패치 안테나 - RP-SMA-R/A 오른나사
- SEC-G01R: 15cm 연장 케이블(SAT-G01R / DAT-G01R / DAT5-G01R 용)
- RFC-G01R: 패치 안테나용 1m 안테나 연장 케이블 - RP-SMA-오른나사

자세한 정보는 세나 웹페이지에서
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