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.
- 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-SD1000U is a Bluetooth USB adapter that supports a working distance of 300m, making it suitable for industrial or special purpose applications. It provides a transparent RS232 serial cable replacement for PC, supports up to 4 multiple simultaneous connections, and is compatible with Windows, Linux, Mac OS, and Windows CE.NET operating systems. This device is easy to use and does not require a Bluetooth driver. It is suitable for laptops, PDAs, and other devices.
**Bluetooh USB Adapter, SD1000U**

**Included Contents**
- Parani-SD1000U
- Stub Antenna
- Quick Start Guide
- CD-ROM including Driver, User guide and Data sheet

**Optional Accessories**
- SAT-G01R: 1dBi Stuber Antenna - RP-SMA-Right Thread
- DAT-G01R: 3dBi Dipole Antenna - RP-SMA-Right Thread
- DAT5-G01R: 5dBi Dipole Antenna - RP-SMA-Right Thread
- PAT-G01R: 9dBi Patch Antenna - RP-SMA Right-Angle
- SEC-G01R: 15cm Extension Cable (SAT-G01R / DAT-G01R / DAT5-G01R only)
- RFC-G01R: Patch Antenna 1m Extension Cable - RP-SMA-Right Thread

**Technical Specifications**

**Supported Bluetooth Profiles**
- Serial Port Profile (SPP)

**Computer OS Support**
- 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 2000
- Windows ME
- Windows 98
- Linux
- Mac OS X
- Mac OS 9
- Mac OS 8
- Windows CE.NET (Version 4.2 and greater)

**Environmental**
- Operating Temperature: -20°C ~ +70°C
- Storage Temperature: -40°C ~ +85°C
- Humidity: 95% 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
- Dimension (L x W x H): 71 mm x 22 mm x 11.5mm (2.7 in x 0.8 in x 0.4 in) with cap
- Dimension (L x W x H): 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, TELC, KCC, IC, Bluetooth SIG

**Warranty**
- 1 year limited warranty

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**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: -86dBm
- EDR 3Mbps: -87dBm

**Diagnostic LED**
- Mode
- Connect
- Serial-Rx/Tx

**Antenna Connector**
- RP-SMA

**Antenna Gain**
- Default Stuber Antenna: 1 dBi
- Optional Dipole Antennas: 3 dBi & 5 dBi
- Optional Patch Antenna: 9 dBi

**Working Distance (In Open Field)**

<table>
<thead>
<tr>
<th>Antenna Type</th>
<th>Distance (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stuber Antenna</td>
<td>300</td>
</tr>
<tr>
<td>Dipole Antenna (3 dBi)</td>
<td>400</td>
</tr>
<tr>
<td>Dipole Antenna (5 dBi)</td>
<td>600</td>
</tr>
<tr>
<td>Patch Antenna</td>
<td>1,000</td>
</tr>
</tbody>
</table>

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

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**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 Stuber Antenna - RP-SMA-오른나사
- DAT-G01R: 3dBi Dipole Antenna - RP-SMA-오른나사
- DAT5-G01R: 5dBi Dipole Antenna - RP-SMA-오른나사
- PAT-G01R: 9dBi Patch Antenna - RP-SMA-R/A 오른나사
- SEC-G01R: 15cm Extension Cable (SAT-G01R / DAT-G01R / DAT5-G01R only)
- RFC-G01R: Patch Antenna 1m Extension Cable - RP-SMA-오른나사