

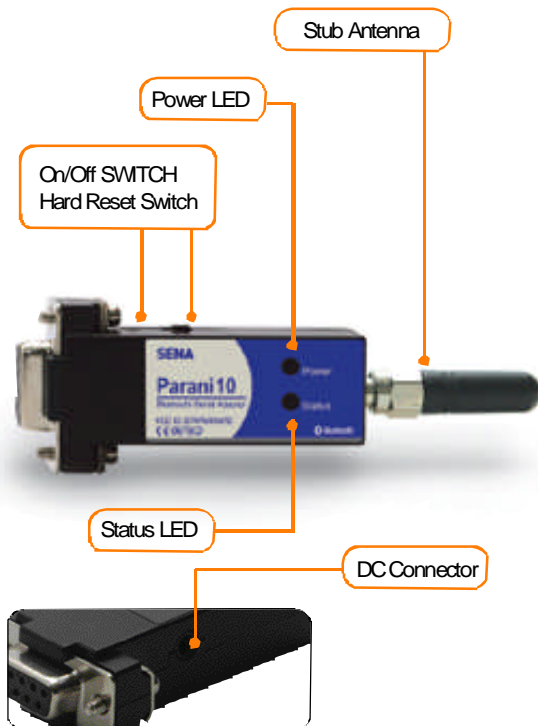
Bluetooth Serial Adapter, Parani10

Features

- * Provides transparent RS232 serial cable replacement
- * Supports Bluetooth Serial Port Profile and Generic Access Profile (Bluetooth Class I)
- * Interoperability with PDA, laptops etc
- * Nominal 100m working distance, up to 1200m using patch antenna
- * Easy to use Windows configuration tool available
- * No external drivers required



Panel Layout



Parani10 is a wireless serial adapter based on Bluetooth technology. It enables the RS232 serial devices to communicate wirelessly throughout the range of 100m ~ 1.2km.

It supports both point-to-point connections and point-to-multipoint connections. Users may configure the Parani10 by using an easy-to-use Windows-based utility software or by using standard AT command set.

Its various power supply configurations allow users to choose which options suits them best, i.e. Power by DC power cable, Power by external DC-adapter, Power by USB power cable, Power by pin 9 of DB9 connector.

Typical application areas of the Parani10 include:

- * RS232 cable replacement
- * Truck/Bus monitoring system
- * Car Diagnostics
- * Wireless POS system
- * Wireless Factory monitoring
- * PLC programming
- * Wireless machine (healthcare/industrial) monitoring
- * Wireless Printing
- * Wireless logistics

Bluetooth Serial Adapter, Parani10

Specifications

Serial Interface

- * RS232, Female DB9
- 1200 to 230 Kbps
- * Automatic detection of hardware flow control
- * DTR/DSR for loop-back & full transfer

Bluetooth Interface

- * Bluetooth v1.1
- * Class I
- * Level - 18dBm
- * Protocols
 - RFCOMM, L2CAP, SDP
- * Profiles
 - General Access Profile
 - Serial Port Profile
- * Working distance
 - Default Antenna - Default Antenna up to 100m
 - Default Antenna - Dipole Antenna up to 150m
 - Dipole Antenna - Dipole Antenna up to 200m
 - Patch Antenna - Dipole Antenna up to 400m
 - Patch Antenna - Patch Antenna up to 1200m

Configuration

- * Windows Utility, Parani10 Manager
- * Modem AT command set

Diagnostic LED

- * Status and Power LED

Power

- * 4V~12V, minimum 150mA
- * Nominal power consumption of 40mA@9600bps and 72mA@115Kbps speed
- * Power supply options:
 - Power by DC cable
 - Power by external DC-power adapter
 - Power by USB power cable
 - Power by pin 9 of DB9 serial connector

Environmental

- * Operating temperature : 0 ~ 50 C
- * Storage temperature : -20 ~ 66 C
- * Humidity : 90% Non-condensing

Physical properties

- * Dimension (L x W x H)
 - 91x 31 x 16 (mm)
 - 3.8 x 1.2 x 0.6 (in.)
- * Weight: 14g

Certification

- * Bluetooth 1.1
- * FCC(A), CE

Warranty

- * 1-year limited warranty

Ordering Information

Parani10 Bluetooth Serial Adapter

Includes:

- * DC Power cable
- * USB power cable
- * Stub antenna
- * CD-ROM

Optional Accessories:

- * DC Power adapter
- * Dipole antenna
- * Patch antenna

U.S. / Canada / SouthAmerica

Tel : +1(408) 573-7425 Fax: +1(408) 907-3738

EU / Africa

Tel : +33 (0) 153 531629 Fax: +33(0) 1 70 24 70 90

Asia / Pacific

Tel :+82-2-571-8283 Fax: +82-2-573-7710

For more information, please visit us at
<http://www.sena.com>

Contact us via E-mail
General Information : info@sena.com
Sales&Distribution : sales@sena.com
Technical Support : support@sena.com

SENA
www.sena.com