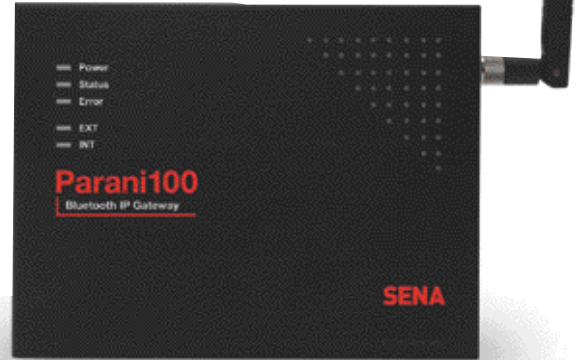
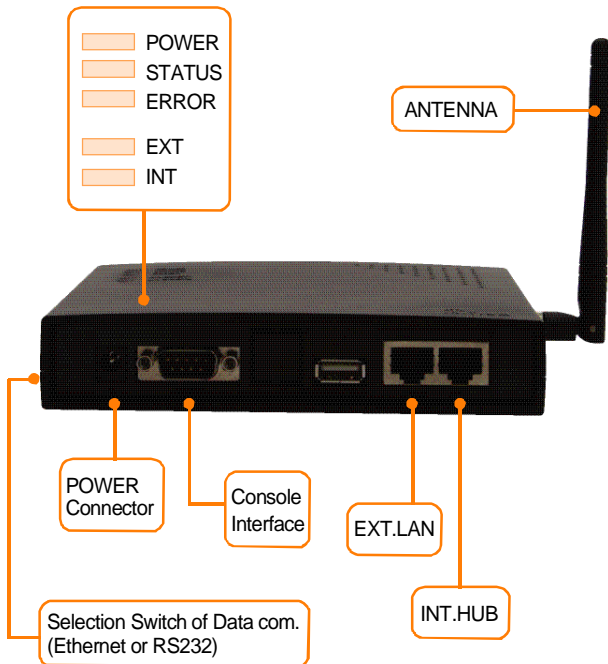


Bluetooth/IP Gateway for multi-port wireless connections, Parani100

Features

- * Connects Bluetooth devices to 10/100 base-T Ethernet network (Bluetooth Class I)
- * Supports point to multi point connectivity up to 7 points
- * Supports data rate of Max. 723 Kbps with greater than 150 m range
- * Supports Bluetooth profiles for Serial Port, LAN Access, PAN and Dial up Networking
- * Ideal wireless solution for the replacement of the wired multi-port serial card
- * Supports various host modes for TCP/IP-Bluetooth data communication
- * Supports HTTP/FTP/Telnet/IP sharing/DHCP/PPP RADIUS Authentication/SNMP
- * Easy to use Windows configuration tool available

Panel Layout



The Parani100 enables multiple Bluetooth devices to connect to the Ethernet network simultaneously and without delay when they are within range. The Parani100 provides Class 1 Bluetooth wireless connectivity to Ethernet/Fast Ethernet. It supports all Bluetooth devices compatible with the Bluetooth Profiles for the Serial Port, Dial-up Networking, LAN Access and PAN. Along with the Serial Port Profile support, the Parani100 is the ideal solution for the replacement of the wired serial port application.

The Parani100 supports versatile host modes for various user applications, i.e. TCP Server and Client modes for TCP/IP-Bluetooth replay applications, Vertex mode for multicasting, Repeater mode, Serial Hub mode and RS232 mode.

The Parani100 runs on embedded Linux operating system, with Flash memory for easy software upgrades, and built-in Web server and Web interface for quick installation, and remote configuration and management. The Parani100 uses the RADIUS protocol for user authentication.

Typical application areas of the Parani100 include:

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

Bluetooth/IP Gateway for multi-port wireless connections,

Parani100

Application Diagram



Specifications

Ethernet Interface

- * 10/100 Base Ethernet with RJ45 connector
- * Supports Static IP and Dynamic IP address

Bluetooth Interface:

- * Bluetooth v1.1
- * Class I
- * Level - 18dBm
- * Profiles
 - Serial Port, LAN Access, PAN,
 - Dial up Networking
- * Working distance:
 - Parani100 - Parani10
 - Dipole Antenna - Stub(Default) Antenna up to 150m
 - Dipole Antenna - Dipole Antenna up to 200m
 - Dipole Antenna - Patch Antenna up to 400m
 - Patch Antenna - Patch Antenna up to 1200m

Network Protocols

- * HTTP, FTP, Telnet, DHCP client
- * SNMP v1/v2/v3
- * PPP server and PPP tunneling
- * RADIUS

Management

- * Windows Utility
- * Web, Telnet, Serial Console
- * Modem AT command set

Diagnostic LED

- * Power, Status, Error
- EXT and INT

Power

- * 5VDC
- * 2A@ 5V

Environmental

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

Physical properties

- * Dimension (L x W x H) 147 x 112 x 32 (mm)
- 5.8 x 4.4 x 1.3 (in.)
- 225g

Approvals

- * FCC(A), CE

Warranty

- * 1-year limited warranty

Ordering Information

Parani100 Bluetooth/IP Gateway

Includes:

- * CD-ROM
- * Serial Data cable,
- * Ethernet Cross cable
- * DC Power Adapter
- * Dipole antenna

For more information, please visit us at
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