

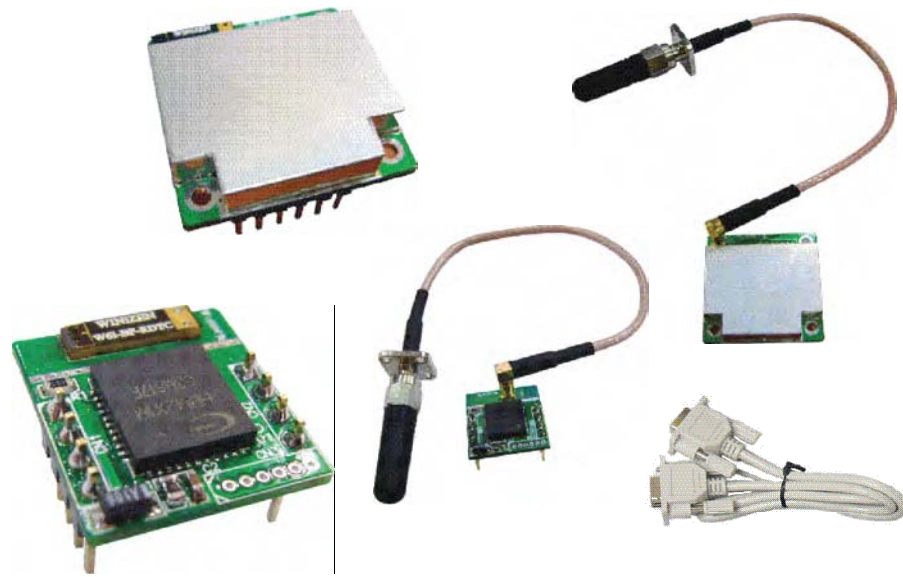
Quick Start Guide

Parani-ESD100/110/200/210

OEM Bluetooth-Serial module



SENA
www.sena.com



Pinout & Cabling

Parani-ESD100/110

Pin no.	Pin name	Direction	Description	Signal Level
1	GND		Power Ground	Ground
2	TXD	Output	UART data out	TTL
3	RXD	Input	UART data input	TTL
4	RTS	Output	UART Ready to Send	TTL
5	CTS	Input	UART Clear to Send	TTL
6	VDD	Input	DC input (3.0 ~ 3.3V)	Power
7	Pairing	Input	Pairing input (Active Low)	TTL
8	Status	Output	Bluetooth Connect Detect (Active Low)	TTL
9	DSR	Input	Data Set Ready	TTL
10	DTR	Output	Data Terminal Ready	TTL
11	RST	Input	Reset (Active Low)	TTL
12	GND		Power Ground	Ground

Parani-ESD200/210

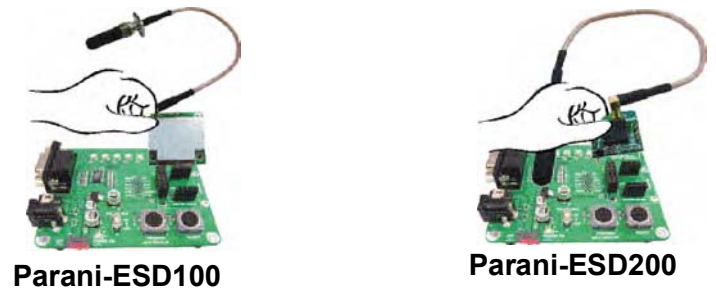
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Connection

- ① Connect default(Stub) antenna to ESD100/200



- ② Connect ESD100/200 to Jig Board



- ③ Connect serial cable to Jig Board



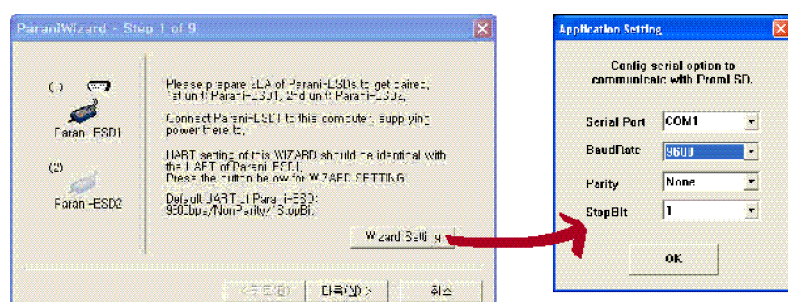
- ④ Connect Power supply to Jig Board



Configuration

I. Configuration using the ParaniWizard

ParaniWizard is used for simple configuration of point-to-point communications between two Parani-ESD units.



Follow the steps in the ParaniWizard

Parani-ESD Series default configuration is 9600 bps Baud, 8 Data bit, No Parity, 1 Stop bit and H/W flow control.

II. Configuration using the ParaniWin or Hyper terminal program

Using ParaniWin or Hyper terminal program, user can make pairing in any of the following situations.

- Between two Parani-ESD units.
- Between a Parani-ESD unit and other Bluetooth device.

For connecting to other Bluetooth device, configuration mode must be set to "Mode 3(Connectable and Discoverable)".

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