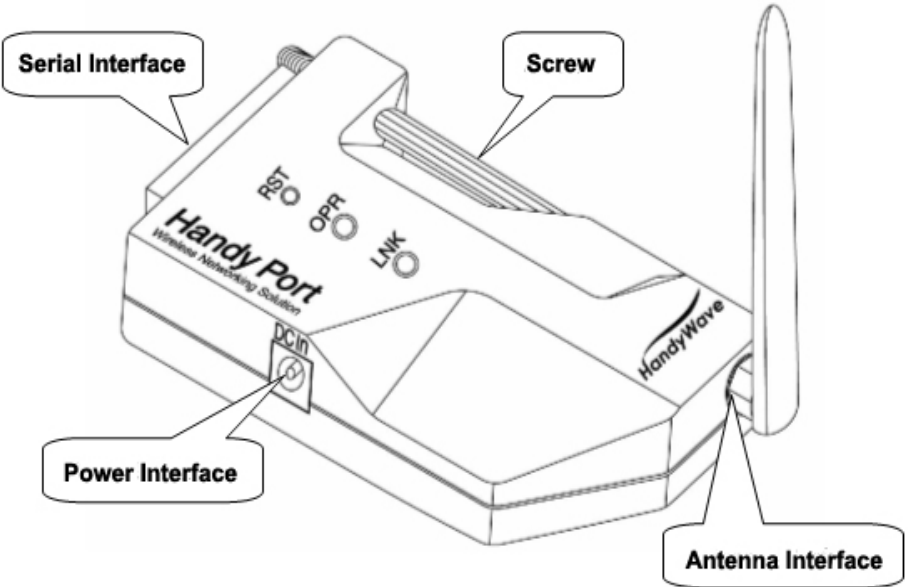


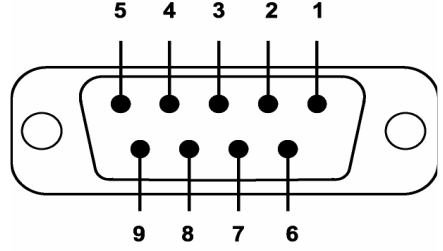


The HPS-120 is the most favorable cable replacement solution based on the wireless technology for the RS-232 serial communication system.

■ Marking



- RST : the configuration button
- OPR : the operation LED
- LNK : the link status LED



■ PIN-OUT

Pin No.	Signal	Direction	Description
1	DCD	Output	Data Carrier Detect
2	TxD	Output	Transmitted Data
3	RxD	Input	Received Data
4	DSR	Input	Data Set Ready
5	GND	Common	Signal Ground
6	DTR	Output	Data Terminal Ready
7	CTS	Input	Clear to Send
8	RTS	Output	Request to Send
9	Vcc	Input	Power (DC +5V - +12V)

■ Key Features

- Supports Bluetooth SPP & GAP
- No necessary of external host & Software
- Easy Installation, Use & Maintenance
- Supports the local device configuration
- Supports the remote device configuration via Over-the-Air
- Supports the Repeater Functionality
- Supports up to 100M (Line of Sight)
- Supports RS-232 and 3.3V TTL (Optional)
- Supports Point-to-Point/Multipoint

■ Key Specifications

- Frequency : 2.4GHz ISM Band
- Tx Power : up to 100mW (20dBm)
- Rx Sensitivity : better than - 80dBm
- Antenna : SMA Female
  - Dipole 2dBi (100M) / 4dBi (200M)
  - Directional Patch 8dBi (up to 1Km)
- Serial Interface
  - RS-232 (Optional: 3.3V TTL)
  - D\_SUB 9-Pin Female
  - Baud Rate: 1.2 - 115.2Kbps
- Operating Environment
  - temperature : -20C to 70C
  - humidity : 85%
- Power Supply
  - Voltage Range : DC +5 - +12V
  - Current Consumption : up to 200mA @5V
- LED Indicator
  - Operation and Link Status
- Bluetooth Spec Ver. 1.2



■ **Electrical Characteristics**

Absolute Maximum Ratings		
Rating	Min	Max
Storage Temperature	-40C	+150C
Operating Temp. Range	-30C	+70C
Supply Voltage: Power	+5V	+15V
Recommended Operating Conditions		
Operating Condition	Min	Max
Operating Temp. Range	-20C	+70C
Supply Voltage: Power	+5V	+12V

■ **Dimension**

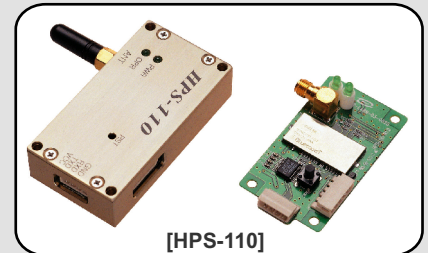
- 35mm (W) x 65mm (D) x 16mm (H) (without antenna)

■ **Ordering Information**

Package		Order Number
Size	Shipment	
210mm x 127mm x 24mm	Box	HPS-120

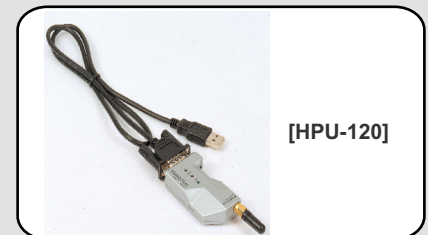
■ **Related Products**

■ **HandyPort Series**



■ **HandyPort-USB**

- HPU-120
- MSPP (Multi Serial Port Profile) :  
Supports 7 simultaneous connections
- Supports Windows 98SE/ME/2000/XP



■ **Accessory**

- Antenna
  - Dipole : HPA-100 (2dBi) / HPA-110 (4dBi)
  - Patch : HPA-120 (8.5dBi, Directional)
- RF Cable : HPC-110 (1M) / HPC-130 (3M)
- Power Cable : HPP-100 (for HPS-120)
- SMA Adapter : HPC-500 (for extension the cable with Dipole Antenna)

Delmation Products BV  
 T +31 (0)79 342 2041  
 info@delmation.nl  
 www.delmation.nl