

HandyPort

Wireless Serial Adapter

HPS-200

HandyWave



[HPS-200]

The HPS-200 is the most favorable cable replacement solution based on the wireless technology for the RS-232/422/485 industrial serial communication system.

■ Key Features

- Supports DIN-RAIL & Wall Mount
- 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-232/422/485
- 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-232/422/485
 - 14-Terminal & Screw
 - Baud Rate: 1.2 - 115.2Kbps
- Operating Environment
 - temperature : -20~+C to 60C
 - humidity : 85%
- Power Supply
 - Voltage Range : DC +5 - +30V
 - Current Consumption : up to 200mA @5V
- LED Indicator
 - Operation and Link Status
- Bluetooth Spec Ver. 1.2

■ Marking

- Ant : the antenna port
- OPR/LNK : the operation LED and the link status LED
- RS-232/RS-422/RS-485 : the switch of serial interface selection
- RST : the configuration button

■ PIN-OUT

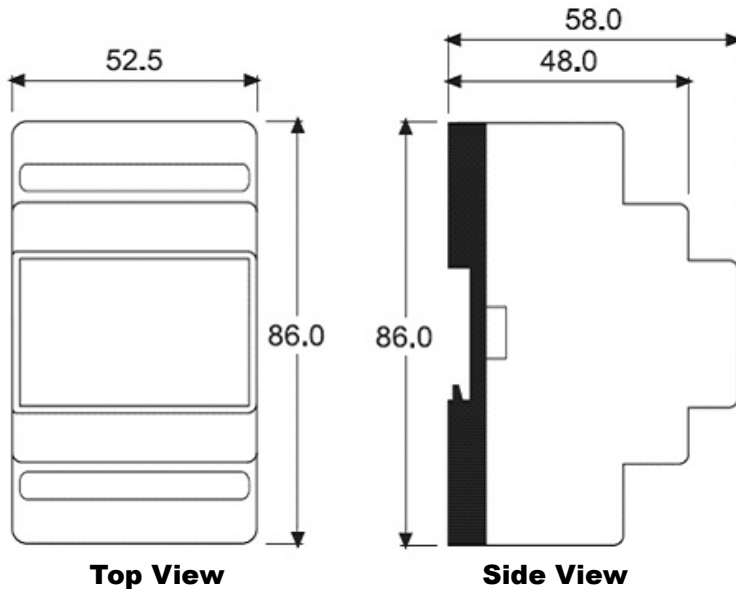
Pin No.	Signal	Direction	Description
1	TxD	Output	Tx for RS-232
2	RxD	Input	Rx for RS-232
3	RTS/DTR	Output	RTS/DTR for RS-232
4	CTS/DSR	Input	CTS/DSR for RS-232
5	GND	Common	Signal Ground
6	GND	Common	Power Ground
7	Power	Input	Power Supply
8	TX+/TRX+	Input/Output	TX+: RS-422/TRX+: RS-485
9	TX-/TRX-	Input/Output	TX-: RS-422/TRX-: RS-485
10	RX+	Input	RX+: RS-422
11	RX-	Input	RX-: RS-422
12	GND	Common	Signal Ground
13	EoR+	Output	End of Resistor+
14	EoR-	Input	End of Resistor-



■ Electrical Characteristics

Absolute Maximum Ratings		
Rating	Min	Max
Storage Temperature	-40C	+100C
Operating Temp. Range	-40C	+60C
Supply Voltage: Power	+3.3V	+30V
Recommended Operating Conditions		
Operating Condition	Min	Max
Operating Temp. Range	-20C	+60C
Supply Voltage: Power	+5V	+30V

■ Dimension : 52.5mm(W)x86.0mm(D)x58.0mm(H)

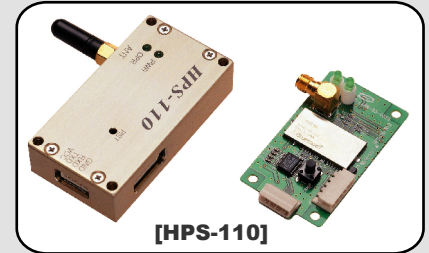


■ Ordering Information

Package		Order Number
Size	Shipment	
200mm x 145mm x 70mm	Box	HPS-200

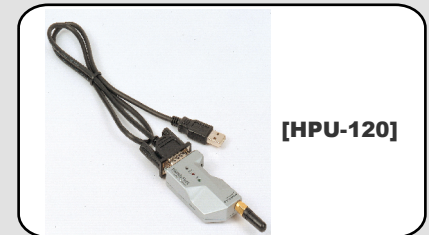
■ Related Products

■ 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)



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products



Delmation Products

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