



# Smart Dongle SRP-WiFiD/4GD



## SRP-WiFiD Product Features

- WiFi wireless communication enables long-distance data transmission of equipment and devices
- Support Bluetooth and WiFi, offer mobile app for viewing and configuration
- Support WiFi wireless communication access and support STA+AP mode
- Plug and play, easy to install, equipped with indicator lights for working status
- Support 1-channel RS485/RS232/TTL device protocol (Modbus) acquisition interface
- Equipment failure alarm, real-time reminder, efficient operation and maintenance
- IP66 protection, waterproof design, resistant to harsh environments, improving equipment stability

## SRP-4GD Product Features

- 4G network communication, suitable for all areas covered by 4G signals (standard with built-in 4G antenna)
- Equipped with Bluetooth, supporting proximal local mode for initial device setup and parameter configuration
- Multi device connection, low-cost monitoring solution
- Independent module to protect internal components of the inverter and eliminate hidden dangers
- Plug and play, no wiring required; equipped with indicator lights for working status
- Equipment failure alarm, real-time reminder, efficient operation and maintenance
- IP66 protection, waterproof design, resistant to harsh environments, improving equipment stability

SRP-WiFiD		SRP-4GD	
Basic Parameters			
Access Capability	1 unit (inverter, PCS, electricity meter, etc.)		1 units (inverter, PCS, electricity meter, etc.)
Indicator Light	3 x LED（RUN、COM、NET）		
Dimension	50*30*118 (W*D*H mm)		
External Interface	USB 2.0 Type-A male connector, providing power supply and one serial communication port		
Configuration Method	Mobile APP, platform remote		
Installation Method	M25 waterproof USB aviation connector		
Communication Methods			
Networking Method	Wi-Fi		LTE 4G Cat4 + Wi-Fi
Wi-Fi Communication Frequency Band	IEEE802.11b/g/n 2.4GHz STA Mode ( Customizable AP+STA mode)		IEEE802.11b/g/n 2.4GHz STA Mode
4G Communication Frequency Band	/		Euro Version
		LTE FDD:	Band 1/3/5/7/8/20
		LTE TDD:	Band 38/40
		UMTS/HSPA+:	Band 1/8
		GSM/GPRS/EDGE:	900MHz/1800MHz
Bluetooth	Bluetooth V4.2 BR/EDR and Bluetooth LE standard		Bluetooth V4.2/3.0/2.1+EDR standard
Antenna	Built-in 2.4G antenna		Built-in 2.4G and 4G antenna
Data Interface	V1: RS485 V2: TTL V3: RS232		V1: RS485
Power Supply			
Data Interface	5~12VDC		
Power Input	≤3W		≤5W
Working Condition			
Operating Temperature	-40℃ ~ +80℃		
Environmental Humidity	0%~95% (No condensation)		
Operating Altitude	≤4000m		
Ingress Protection Rating	IP66		
Surge Immunity	Power port Differential Mode 0.5kV/2Ω， Common Mode1kV/12Ω		