

## S1-W4G-ST

### Solis Data Loggers

Use RS485 communication method to connect the inverters, up to 10 inverters can be connected at the same time. Data communication with the monitoring system through wireless WiFi network or 4G, which can realize remote control and monitoring. The network transmits intuitive data, which is convenient for customers to monitor anytime and anywhere.

#### Features:

- Support WiFi and 4G communication
- Status indicator, easy to display working status
- RESET button, one key to send data, convenient debugging
- Fault alarm, real-time monitoring
- Support Bluetooth nearby connection and debugging
- One-key assignment of inverter address, efficient and labor-saving

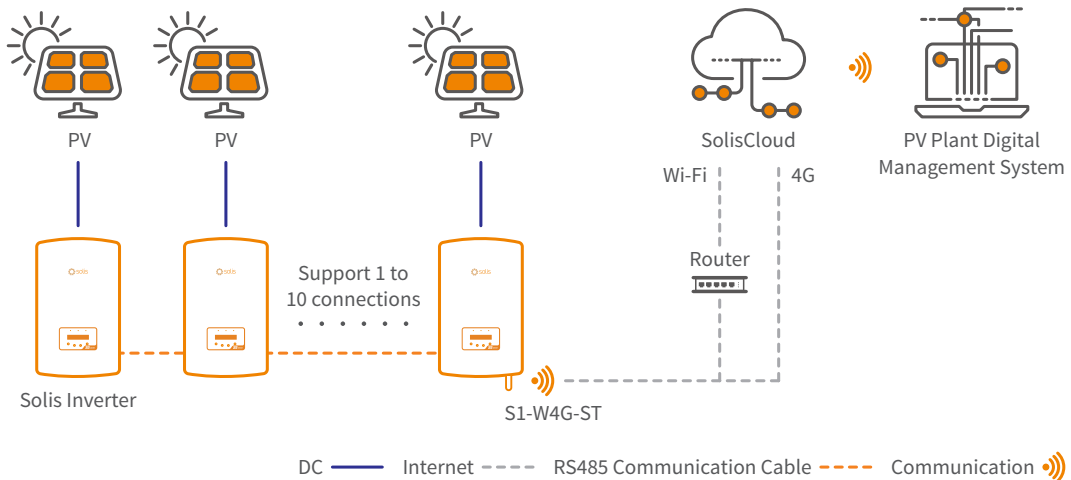


S1-W4G-ST (4 Pin)



S1-W4G-ST (USB)

#### Intelligent Monitoring Solution - S1-W4G-ST



# DATASHEET

# S1-W4G-ST

Models	S1-W4G-ST (4 Pin)	S1-W4G-ST (USB)
<b>Communication</b>		
Supported device type	Solis inverter	
Number of connected inverters <sup>(1)</sup>	≤ 10	
Data collection intervals	5 minutes	
Status indicator	3 LED Indicator Lights	
Communication interface	External 4-Pin Port	External USB Port
Wireless communication	WiFi: 802.11b/g/n (2.4G) <sup>(2)</sup> GSM / GPRS: 850 / 900 / 1800 / 1900 MHz	
Near end communication	BLE4.2	
Configuration method	APP / WEB	
<b>Electrical</b>		
Operating voltage	DC 5 V (+ / -5%)	
Operating power consumption	≤ 5 W	
<b>Environment</b>		
Operating ambient temperature range	-30 ~ +65°C	
Operating humidity	5% - 95%, relative humidity, non-condensing	
Storage temperature	-40 ~ +70°C	
Storage humidity	< 40%	
Max. operation altitude	4000 m	
Protection degree	IP65	
<b>Mechanical</b>		
Dimensions (L × W × H)	128 × 50 × 34 mm	113 × 50 × 34 mm
Installation method	Externally Insert + Twist Lock	Externally Insert + Tab Lock
Weight	80 g	65 g
<b>Others</b>		
Certification	CE, FCC	

(1) Inverters must first be hand-in-hand connected by RS485. (2) 5 GHz Wi-Fi networks are not supported.