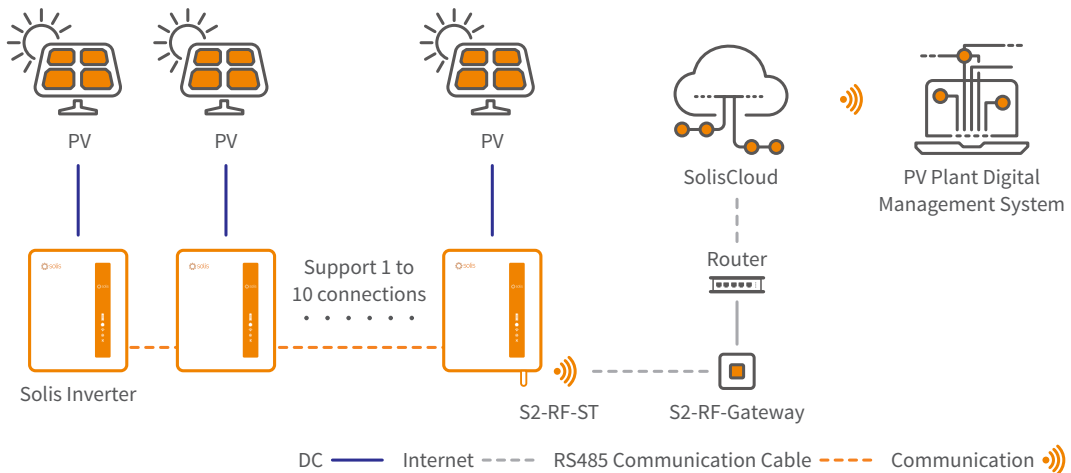# S2-RF-LINK

Solis Data Loggers

Solis box type (gateway) + stick type (terminal) monitoring data collector, the terminal uses RS485 communication to connect to the inverter, the gateway uses wired Ethernet to connect to the home router, and the gateway and terminal are connected through RF data to realize automatic networking. The equipment is connected to the gateway automatically, free of wiring and wireless network configuration; it aims to realize a stable and intelligent operation and maintenance management plan for users.

Features:

- Support RF communication
- Fault alarm, real-time monitoring
- RESET button, one key to send data, convenient debugging
- Support Bluetooth nearby connection and debugging
- Status indicator, easy to display working status
- One-key assignment of inverter address, efficient and labor-saving
- RF communication is more stable and has a wider range

S2-RF-ST-4Pin   S2-RF-Gateway   S2-RF-ST-USB   S2-RF-Gateway

Intelligent Monitoring Solution - S2-RF-LINK

PV   PV   PV   SolisCloud   PV Plant Digital Management System

Support 1 to 10 connections

Solis Inverter   Router

S2-RF-ST   S2-RF-Gateway

DC ——   Internet ----   RS485 Communication Cable - - - -   Communication))

DATASHEET

S2-RF-LINK

Models	S2-RF-ST		S2-RF-Gateway
Communication			
Supported device type	Solis inverter		/
Number of connected inverters [1]	≤ 10		/
Data collection intervals	5 minutes (adjustable: 1 - 15 minutes)		/
Communication interface	External 4-Pin Port	External USB Port	/
Configuration method	APP / WEB		/
Data interface	/		Adaptive 10 / 100 Mbps
Working frequency	915 MHz / 868 MHz		
Serial communication speed	9600 bps		
Effective communication distance	200 (in free-field conditions)		
Electrical			
Operating voltage	DC 5 V (+ / -5%)		
Operating power consumption	≤ 5 W		
Environment			
Operating ambient temperature range	-25 ~ +65℃		
Operating humidity	5% - 95%, relative humidity, non-condensing		
Storage temperature	-40 ~ +70℃		
Storage humidity	< 40%		
Max. operation altitude	4000 m		
Protection degree	IP65		/
Mechanical			
Dimensions (L × W × H)	128 × 50 × 34 mm (4Pin)	115 × 50 × 34 mm (USB)	90 × 90 × 23 mm
Installation method	Externally Insert + Twist Lock (4Pin)	Externally Insert + Tab Lock (USB)	/
Weight	79 g (4Pin)	65 g (USB)	60 g
Others			
Certification	CE, RoHs, Reach		

(1) Inverters must first be hand-in-hand connected by RS485.