

Introduction

By collecting operating data and power generation status of inverter, stick logger (WiFi) can run a long-term and efficient monitoring of PV system. Meanwhile, remote monitoring cloud platform (SOLARMAN Portal) provides powerful data support for the logger. Logger sends the data to the monitoring platform via WiFi. The real-time status and historical data can be displayed with graphs, enabling intuitive and clear understanding of PV system. Furthermore, customized alerts can notify users of any malfunction or defect immediately via SMS and E-mail, which realizes the management of PV system at anytime and anywhere, also simplifies the maintenance significantly.

The WiFi module is integrated inside the logger, which enables to transmit data through the WiFi network.

Product Parameter

Catalog	Parameter	Value
Wireless Parameter	Working Frequency	2.412GHz~2.472GHz
	Transmit Power	802.11b: +17 dBm \pm 1.5dBm(@11Mbps)
		802.11g: +15 dBm \pm 1.5dBm (@54Mbps)
		802.11n: +14 dBm \pm 1.5dBm (@HT20, MCS7)
	Antenna Option	Embedded PCB antenna
Bluetooth	Wireless Standard	BLE5.0
	Frequency Range	2.402GHz-2.480GHz
	Transmit Power	MAX15dBm
Hardware Parameter	Data Interface	RS485
	Working Voltage	DC5V ~DC12V
	Working Power	1.5W
	Indicator Light	One connected to inverter
		One connected to router
		One connected to heartbeat