

Ai-Logger



Ai-Logger 1000 data logger allows Solplanet inverters to connect to the Solplanet Cloud and App. The inverter and meter data is collected and sent to the Solplanet Cloud via the internet to allow for easy PV plant monitoring.

Smart

- Smart zero export control design

Simple

- Easy to install on site

Reliable

- Adapt to various application scenarios

Technical Specification

Ai-Logger 1000

Device Management	Max. Number of Manageable Devices*	80	
Communication Interface	North Communication	WLAN	WLAN x 1, 2.4GHz
		LAN	LAN x 1, 10 / 100 / 1000 Mbps
		2G / 3G / 4G	Option, Only for Chinese market
	South Communication	RS485	COM x 3, 1000 m
		Ethernet	1
		PLC	1, Option, Only for Chinese market
Others	Digital / Analog Input / Output	DI x 4, DO x 2	
Interaction	LED	LED Indicator x 4 – COM 1~3, North communication	
	WEB	Embedded Web	
	USB	USB 2.0 x 1	
	APP	Solplanet APP	
	RST	1	
Environment	Operating Temperature Range	-40°C ~ 60°C (-40°F ~ 140°F)	
	Storage Temperature	-40°C ~ 70°C (-40°F ~ 158°F)	
	Relative Humidity (Non-condensing)	5% ~ 95%	
	Max. Operating Altitude	4,000 m (13,123 ft.)	
Electrical	DC Power Supply	12V~24V / 2A	
	Power Consumption	Typical 8 W, Max. 15 W	
Mechanical	Dimensions (W x H x D)	240mmx126mmx42mm	
	Weight	2 kg	
	Protection Degree	IP20	
	Installation Options	Wall Mounting, DIN Rail Mounting, Tabletop Mounting	

* Each 485 interface can connect up to 30 inverters or 1 weather station.