

# 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
LAN			LAN x 1, 10 / 100 / 1000 Mbps
South Communication		RS485	COM x 3, 1000 m
		Ethernet	1
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)		240mm×126mm×42mm
	Weight		453 g
	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.