

# Ai-Logger 1000



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 Datasheet

### Ai-Logger 1000

Device Management	Max. Number of Manageable Devices*		80
	Communication Interface		
Communication Interface	North Communication	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	
	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	12 V ~ 24 V / 2 A	
	Power Consumption	Typical 8 W, Max. 15 W	
Mechanical	Dimensions (W x H x D)	240 mm x 126 mm x 42 xmm	
	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 smart meter.