

# SmartLogger2000



## Smart

- Functioning as communication manager, data logger, PLC master and Ethernet switch
- Multiple communication interfaces including PLC, RS485, Fast Ethernet, and SFP ports, flexible applications
- STP and RSTP supported for fiber ring network and ring protection
- Bluetooth, embedded WEB and USB supported, user-friendly
- Fast and reliable active and reactive power compensation control
- Smart I-V Curve Diagnosis supported

## Simple

- Up to 200 devices supported, including up to 150 inverters
- An integration of data collection, protocol conversion and Ethernet switch

## Reliable

- Industrial application and high reliability

Technical Specifications	SmartLogger2000
	<b>Device Management</b>
Max. Number of Manageable Devices	200
Max. Number of Manageable Smart Inverters	150
	<b>Communication Interface</b>
Electrical Ethernet	ETH x 2, 10 / 100 Mbps
Optical Ethernet (optional)	SFP x 2, 100 Mbps
RS485	COM x 6, 2400 / 4800 / 9600 / 19200 / 115200 bps
PLC	PLC x 1, 115.2 kbps
Digital / Analog Input / Output	DI x 8, DO x3, AI x 7, AO x 4, PT100 / PT1000 x 2
	<b>Communication Protocol</b>
Ethernet	Modbus-TCP, IEC 60870-5-104
RS485	Modbus-RTU, IEC 60870-5-103 (standard), DL / T645
	<b>Interaction</b>
LED	LED Indicator x 4
WEB	Embedded WEB
Bluetooth	SUN2000 App
USB	USB2.0 x 1
	<b>Environment</b>
Operating Temperature	-40 °C ~ 60 °C (-40 °F ~ 140 °F)
Storage Temperature	-40 °C ~ 70 °C (-40 °F ~ 158 °F)
Relative Humidity	5% ~ 95%
Max. Operating Altitude (Non-condensing)	4,000 m (13,123 ft.)
	<b>Mechanical</b>
Power Supply	100 Vac ~ 240 Vac , 50 Hz / 60 Hz
Power Consumption	Typical 8 W, Max. 15 W
Dimensions (W x H x D)	411 x 170 x 58.6 mm (16.2 x 6.7 x 2.3 inch), with mounting ears
Weight	2.5 kg (5.5 lb.)
Export Limitation	Supported
Protection Rating	IP20
Installation Option	Wall Mounting, Rail Mounting, Integrated Inside Huawei Smart Array Controller

The text and figures reflect the current technical state at the time of printing. Subject to technical changes. Errors and omissions excepted. Huawei assumes no liability for mistakes or printing errors. For more information, please visit solar.huawei.com. Version No.:01-(20180604)