

# 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
- 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 x 3, 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, with mounting ears)	411 x 170 x 58.6 mm (16.2 x 6.7 x 2.3 inch)
Weight	2.5 kg (5.5 lb.)
Protection Rating	NEMA Type 1
Installation Options	Wall Mounting, Rail Mounting, Integrated Inside Huawei Smart Array Controller