

Logger1000A

The Logger1000 is a data acquisition, protocol conversion device suitable for inverters, combiner boxes, meteo stations, and energy meters in PV power plants. It supports power control, acts as gateway and assists with plant maintenance.



FLEXIBLE NETWORKING

- Support of RS485, Ethernet, 4G, WLAN communication
- Support of energy meter, meteo station, sensors and other equipment access



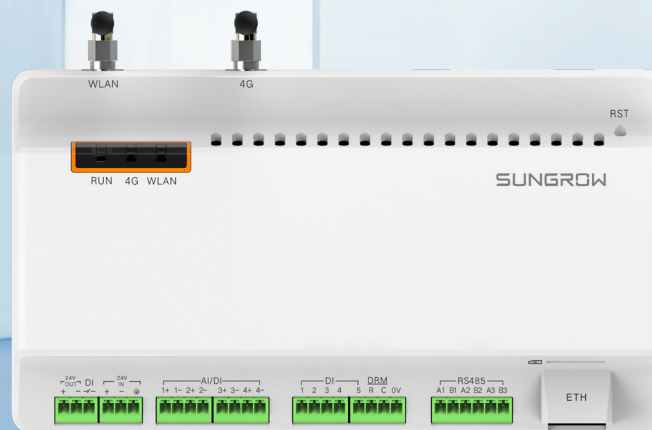
EASY OPERATION

- Automatic Modbus address distribution
- Built-in Web server for monitoring and configuration, by PC or smartphone browser; no APP required



CONVENIENT O&M

- Inverter batch parameter setting and firmware updates
- Plant maintenance by remote Web access, optimized OPEX
- Active and reactive power control
- Local monitoring



Technical parameters		Logger1000A
Communication		
Max. number of devices		30
Communication ports		
RS485 interface		3
Ethernet		1×RJ45, 10/100/1000 Mbps
Digital input		5, Max. 24 VDC
Analog input		4, support 4 mA ~ 20 mA or 0 VDC ~ 10 VDC
Wireless communication		
4G Band		LTE (FDD): B1, B3, B5, B8
		LTE (TDD): B40
		WCDMA: B1, B8
WiFi communication		802.11 b / g / n / ac
		HT20 / 40 / 80 MHz
		2.4 GHz / 5 GHz
Communication protocol		
Ethernet		Modbus-TCP, IEC 60870-5-104, FTP / SFTP
RS485		Modbus-RTU, DL / T645
Power supply		
DC input		24 VDC, 1.2 A
DC output		24 VDC, 0.5 A
Power consumption		< 10 W
Ambient conditions		
Operating temperature		-30 °C ~ 60 °C
Storage temperature		-40 °C ~ 70 °C
Relative air humidity		≤ 95 % (non-condensing)
Elevation		≤ 4000 m
Protection class		IP20
Mechanical parameters		
Dimensions (W*H*D)		200 mm * 110 mm * 60 mm
Weight		500 g
Mounting type		Top-hat rail mounting / wall mounting
Ordering information		
Logger1000A		Support of 4G, WLAN wireless communication Apply to China, India, Malaysia, Australia

