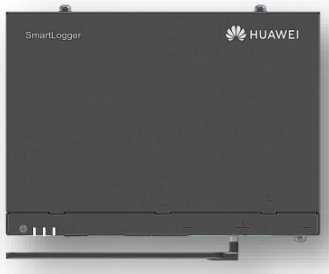
SmartLogger3000A



Smart
Smart zero export control design

Simple
Easy to install on site

Reliable
Safety by lightning protection module

Technical Specification	SmartLogger3000A
	Device Management
Max. Number of Connected Devices	80
	Communication Interface
WAN	WAN x 1, 10 / 100 / 1000 Mbps
LAN	LAN x 1, 10 / 100 / 1000 Mbps
RS485	COM x 3, 1,200 / 2,400 / 4,800 / 9,600 / 19,200 / 115,200 bps
MBUS	MBUS x 1, 115.2 kbps, Compatible with PLC
2G / 3G / 4G	LTE (FDD) : B1, B2, B3, B4, B5, B7, B8, B20 DC-HSPA+ / HSPA+ / HSPA / UMTS : 850 / 900 / 1,900 / 2,100 MHz GSM / GPRS / EDGE: 850 / 900 / 1,800 / 1,900 MHz [2]
Digital / Analog Input / Output	DI x 4, DO x 2, AI x 4
Active DO	12V, 100mA (connection with relay, sensor)
	Communication Protocol
Ethernet	Modbus-TCP, IEC 60870-5-104
RS485	Modbus-RTU, IEC 60870-5-103 (standard), DL / T645
	Interaction
LED	LED Indicator x 3 – RUN, ALM, 4G
WEB	Embedded Web
USB	USB 2.0 x 1
APP	Communication by WLAN for Commissioning
	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
AC Power Supply	100 V ~ 240 V, 50 Hz / 60 Hz
DC Power Supply	12 V / 24 V
Power Consumption	Typical 8 W, Max. 15 W
	Mechanical
Dimensions (W x H x D)	225 x 160 x 44 mm (8.9 x 6.3 x 1.7 inch, without mounting ears and antenna)
Weight	2 kg (4.4 lb.)
Protection Degree	IP20
Installation Options	Wall Mounting, DIN Rail Mounting, Tabletop Mounting

1: When putting inside metal box, extended antenna will be needed.
2: For recommended carriers list and details on supported frequencies, please contact local distributors.