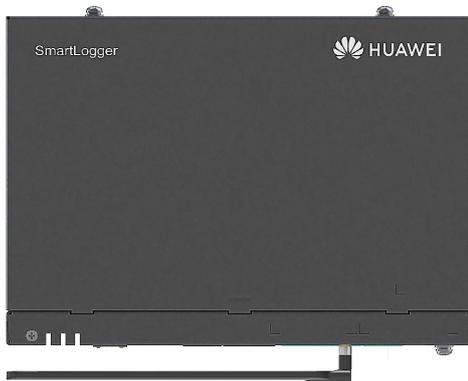


SmartLogger3000A



Smart

Smart zero export control design



Simple

Easy to install on site



Reliable

Safety by lightning protection module

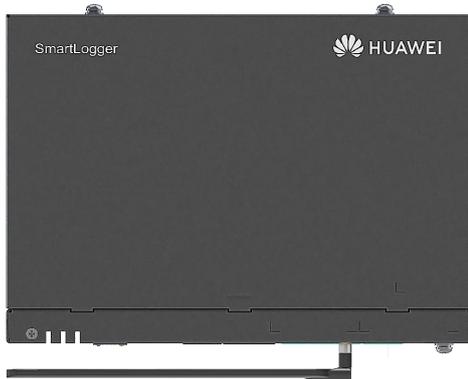
Technical Specification	SmartLogger3000A03EU	SmartLogger3000A01EU
Device Management		
Max. Number of Connected Devices	80	
Communication Interface		
WAN	WAN x 1, 10 / 100 / 1000 Mbps	
LAN	LAN x 1, 10 / 100 / 1000 Mbps	
RS485	COM x 3, 1200 / 2400 / 4800 / 9600 / 19200 / 115200 bps, 1000 m	
MBUS	MBUS x 1, 115.2 kbps, Compatible with PLC	No MBUS Communication Interface
2G / 3G / 4G ¹	LTE(FDD) : B1,B2,B3,B4,B5,B7,B8,B20 DC-HSPA+/HSPA+/HSPA/UMTS : 850/900/1900/2100 MHz GSM/GPRS/EDGE: 850/900/1800/1900 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.



SmartLogger3000A



Protingas
Protingas nulinio eksporto kontrolės dizainas



Paprastas
Lengva įdiegti vietoje



Patikimas
Apsaugos nuo žaibo modulis

Techninė specifikacija	SmartLogger3000A03EU	SmartLogger3000A01EU
Įrenginio valdymas		
Max. skaičius prijungtų įrenginių	80	
Ryšio sąsaja		
WAN	WAN x 1, 10 / 100 / 1000 Mbps	
LAN	LAN x 1, 10 / 100 / 1000 Mbps	
RS485	COM x 3, 1200 / 2400 / 4800 / 9600 / 19200 / 115200 bps, 1000 m	
MBUS	MBUS x 1, 115.2 kbps, suderinamas su PLC	Nėra MBUS ryšio sąsajos
2G / 3G / 4G ¹	LTE(FDD) : B1,B2,B3,B4,B5,B7,B8,B20 DC-HSPA+/HSPA+/HSPA/UMTS : 850/900/1900/2100 MHz GSM/GPRS/EDGE: 850/900/1800/1900 MHz ²	
Skaitmeninis / analoginis įėjimas / išvestis	DI x 4, DO x 2, AI x 4	
Aktyvus DO	12V, 100mA (jungtis su rele, jutikliu)	
Sąsajos protokolas		
Ethernet	Modbus-TCP, IEC 60870-5-104	
RS485	Modbus-RTU, IEC 60870-5-103 (standard), DL / T645	
Sąveika		
LED	LED Indikatoriai x 3 – RUN, ALM, 4G	
WEB	Įterptasis internetas	
USB	USB 2.0 x 1	
APP	Komunikacija WLAN dėl paleidimo	
Aplinka		
Darbinės temperatūros diapozonas	-40°C ~ 60°C (-40°F ~ 140°F)	
Laikymo temperatūra	-40°C ~ 70°C (-40°F ~ 158°F)	
Santykinis drėgnumas (necondensuojantis)	5% ~ 95%	
Max. darbinis aukštis	4,000 m (13,123 ft.)	
Elektros		
Kintamosios srovės maitinimas	100 V~240 V, 50 Hz / 60 Hz	
Nuolatinės srovės maitinimas	12 V / 24 V	
Energijos sąnaudos	Tipiškai 8 W, Max. 15 W	
Mechaniniai		
Išmatavimai (P x A x G)	225 x 160 x 44 mm (8.9 x 6.3 x 1.7 coliai, be wbe montavimo ausų ir antenos)	
Svoris	2 kg (4.4 lb.)	
Apsaugos klasė	IP20	
Įrengimo variantai	Montavimas ant sienos, DIN bėgių montavimas, montavimas ant stalviršio	

*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.

