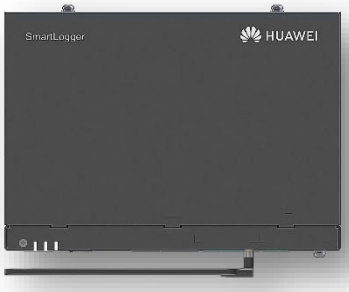
# SmartLogger3000A




## 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<br>DC-HSPA+/HSPA+/HSPA/UMTS : 850/900/1900/2100 MHz<br>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.