



Smart Logger

## SmartLogger3000A

### Product Features



#### Smart

Smart zero export control design



#### Simple

Easy Installation



#### Reliable

Safety improvement ;  
by lightning protection module

### Technical Specification

#### Device Management

|                                   |    |
|-----------------------------------|----|
| Max. Number of Manageable 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 |
| Digital / Analog Input / Output | DI x 4, DO x 2, AI x 4                                          |
| Active DO                       | 12 V, 100 mA (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 Range   | -40°C ~ 70°C (-40°F ~ 158°F) |

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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.