

# SmartLogger3000C01



## Smart

Smart zero export control design



## Simple

Easy to install on site



## Reliable

Safety by lightning protection module

| Technical Specification            | SmartLogger3000C01                                                                                                                         |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 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                               | No MBUS                                                                                                                                    |
| 2G / 3G / 4G <sup>1</sup>          | 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 <sup>2</sup> |
| Digital / Analog Input / Output    | DI x 4, DO x 2, AI x 4                                                                                                                     |
| Active DO                          | 12V, 100mA (connection with relay, sensor)                                                                                                 |
| Software functions                 |                                                                                                                                            |
| Max. Number of Connected Devices   | 80                                                                                                                                         |
| 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.