

# SmartLogger1000



## Smart

- Modbus-TCP for connections to Huawei NetEco
- IEC60870-5-104 for connections to third-party monitoring systems
- USB and embedded web for data reading and software upgrade
- Automatically detecting facilities and mapping RS485 addresses
- Remote control of active & reactive power

## Simple

- Up to 80 inverters per SmartLogger1000
- Up to 30 devices per RS485 bus
- Easy to install on walls, tabletops and DIN rails

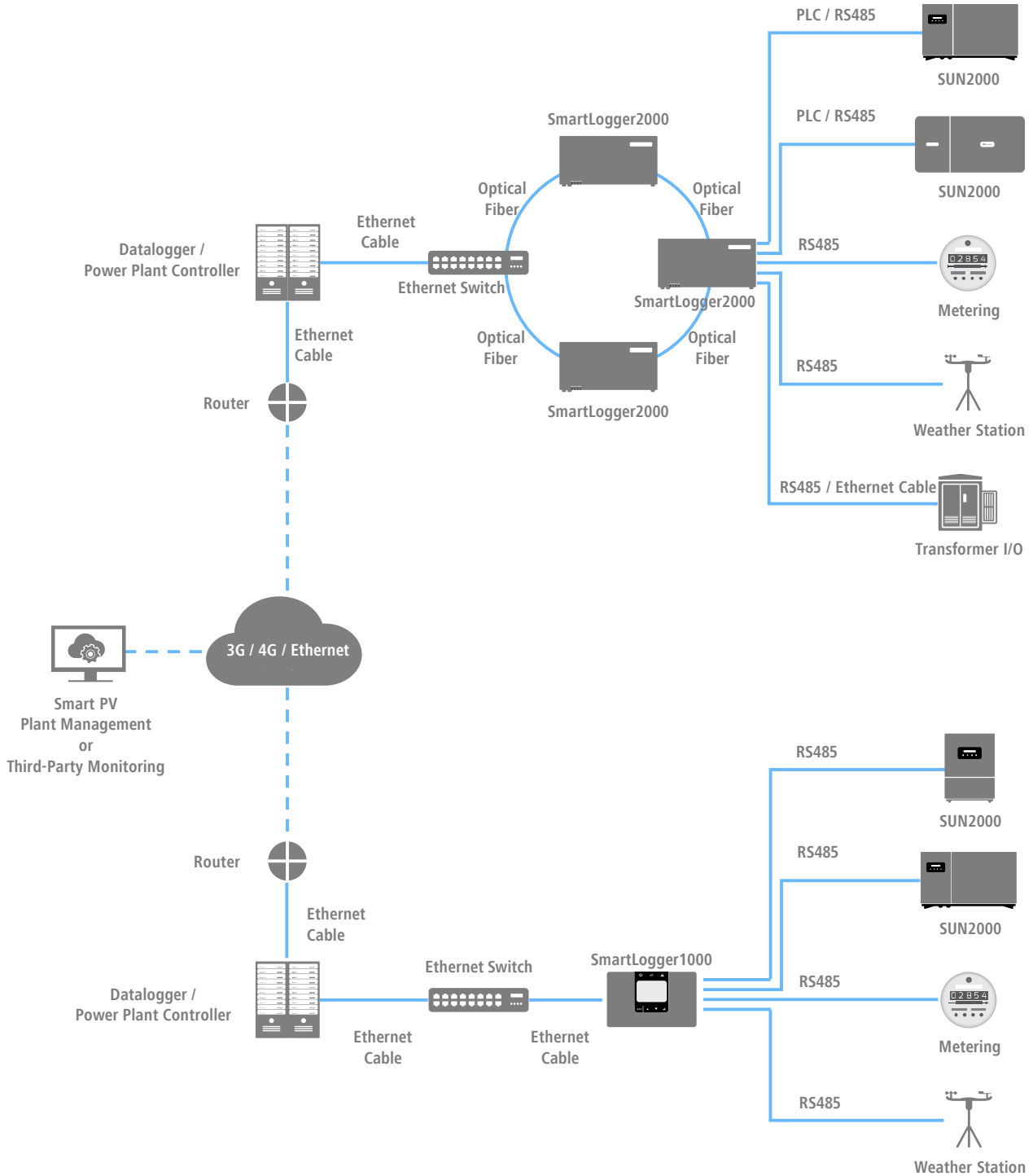
## Reliable

- Max. reliable communication range of 1,000 m

| Technical Specifications                  | SmartLogger1000                                     |
|---|---|
|   | <b>Device Management</b>                            |
| Max. Number of Manageable Devices         | 80  |
| Max. Number of Manageable Smart Inverters | 80  |
|   | <b>Communication Interface</b>                      |
| Electrical Ethernet                       | ETH x 1, 10 / 100 Mbps                              |
| RS485                                     | COM x 3, 2400 / 4800 / 9600 / 19200 / 115200 bps    |
| Digital / Analog Input / Output           | DI x 4, DO x 3, AI x 2                              |
|   | <b>Communication Protocol</b>                       |
| Ethernet                                  | Modbus-TCP, IEC 60870-5-104                         |
| RS485                                     | Modbus-RTU, IEC 60870-5-103 (standard), DL / T645   |
|   | <b>Interaction</b>                                  |
| LCD                                       | 3.5 inch Graphic LCD                                |
| LED                                       | LED Indicator x 3                                   |
| WEB                                       | Embedded WEB  |
| USB                                       | USB 2.0 x 1   |
|   | <b>Environment</b>                                  |
| Operating Temperature Range               | -20°C ~ 60°C (-4°F ~ 140°F)                         |
| Relative Humidity (Non-condensing)        | 5% ~ 95%  |
| Max. Operating Altitude                   | 4,000 m (13,123 ft.)                                |
|   | <b>Electrical</b>                                   |
| Power Supply                              | 100 V ~ 240 V, 50 Hz / 60 Hz                        |
| Power Consumption                         | Typical 3 W, Max. 7 W                               |
|   | <b>Mechanical</b>                                   |
| Dimensions (W x H x D)                    | 225 x 140 x 50 mm (8.9 x 5.5 x 2.0 inch)            |
| Weight                                    | 0.5 kg (1.1 lb.)                                    |
| Protection Degree                         | Type 1  |
| Installation Options                      | Wall Mounting, DIN Rail Mounting, Tabletop Mounting |

The text and figures reflect the current technical state at the time of printing. Subject to technical changes. Errors and omissions excepted. Huawei assumes no liability for mistakes or printing errors. For more information, please visit solar.huawei.com. Version No.:01-(2018)08

## I Optical Fiber Ring Network + PLC



## II Ethernet Network + RS485

The text and figures reflect the current technical state at the time of printing. Subject to technical changes. Errors and omissions excepted. Huawei assumes no liability for mistakes or printing errors. For more information, please visit solar.huawei.com. Version No.:01-(201808)