SMA COM GATEWAY





Simple

- Integration into existing RS485 systems
- Data loggers can be easily replaced

Flexible

- Top-hat rail or wall mounting
- Supports up to 50 x RS485 devices
- Expandable with Speedwire devices

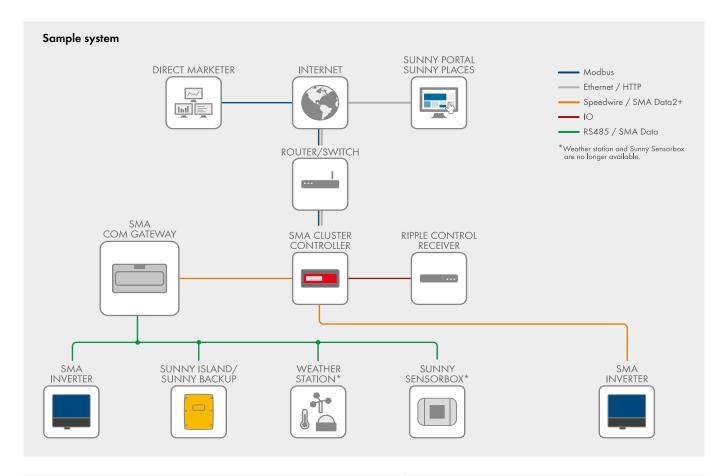
Future-proof

- Investment security for existing systems
- Integration into current and future SMA solutions

SMA COM GATEWAY

Easy communication upgrade for RS485 systems

The SMA Com Gateway is a simple way to integrate existing PV systems into modern plant control and monitoring solutions. When upgrading a system or replacing a data logger such as the Sunny WebBox, the SMA Com Gateway enables the use of the SMA Cluster Controller. Easy integration into the SMA Speedwire data communication supports the incorporation into existing and future communication, system monitoring and control solutions (e.g. commercial energy management systems or the SMA Smart Home), thereby guaranteeing the security of investment for the PV system.



| echnical data | SMA Com Gateway |
|--|--|
| Communication | |
| RS485 devices | RS485, max. 50 devices, 1200 baud or 19200 baud |
| SMA data logger | Speedwire, 10/100 Mbit/s |
| Connections | |
| Voltage supply | 2-pole connection, MINI COMBICON |
| RS485 | 6-pole connection, MINI COMBICON |
| SMA data logger / network (LAN) | 2 x RJ45, switched, 10BASE-T/100BASE-T |
| USB | 1 x USB 2.0, type A |
| Voltage supply | |
| Voltage supply | External power supply unit (available as an accessory) |
| Input voltage | 10 V to 30 V |
| Power consumption | Typ. 4 W |
| Ambient conditions in operation | |
| Environment | Restricted class 3K7 reg. IEC60721-3-3 |
| Ambient temperature | -20°C to +60°C (-4°F to +140°F) |
| Permissible range for relative humidity (non-condensing) | 5% to 95% |
| Maximum operating altitude above MSL | 0 m to 3000 m (≥70 kPa) |
| Degree of protection according to IEC 60529 | IP20 |
| General data | |
| Dimensions (W / H / D) | 161.1 mm / 89.7 mm / 67.2 mm |
| | (6.36 inches / 3.53 inches / 2.65 inches) |
| Weight | 202 g |
| Mounting location | Indoors |
| Mounting type | Top-hat rail mounting / wall mounting |
| Status display | LEDs for system, RS485 and Ethernet status |
| Features | |
| Warranty | 2 years |
| Certificates and approvals | www.SMA-Solar.com |
| Accessories (optional) | |
| Top-hat rail power supply unit | Input: 100 V to 240 V AC / 45 Hz to 65 Hz Output: 24 V DC / 2.5 A |
| | 301poil 24 1 50 / 2.5 K |
| Last revised: October 2016 | |
| - 1 | COMOMIA |
| Type designation | COMGW-10 |