SMA

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
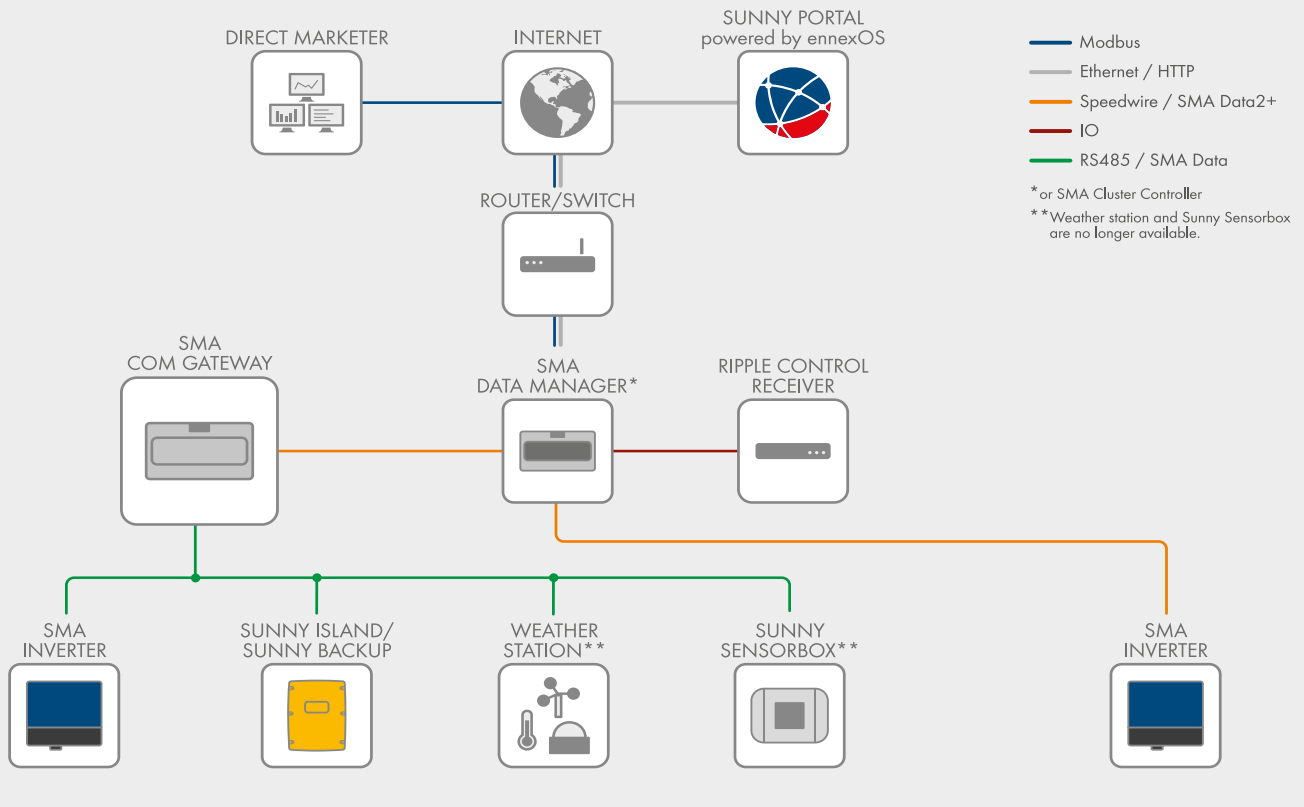- Expandable with Speedwire devices

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 Data Manager or 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.

Sample system

Technical 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
Last revised: August 2018	
Type designation	COMGW-10

www.SMA-Solar.com

SMA Solar Technology