



Commercial Gateway

SE1000-CCG-G-S1



COMMUNICATION

All-in-one communication gateway

- Wireless connections including optional WiFi, Zigbee and GSM plug-ins
- Environmental sensors support
- Power reduction interface
- Electricity meter reader
- Non-SolarEdge inverter data loggers
- Easy installation - DIN rail and wall mount



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POWER				
Power Supply - Wall Mount	Included, 100-240VAC, EU/UK/US/AU interchangeable, 2-pin plug			
Supply Voltage	9-14			Vdc
Connector Type	terminal block			
Power Consumption	<2			W
ANALOG SENSOR INPUT				
Number of Inputs	3			
	Range	Accuracy	Resolution	
Input 1	0-30mV or 0-2V	+/- 1% f.s	10 bit	
Input 2	0-2V or 0-10V			
Input 3	-20mA – 20mA			
COMMUNICATION INTERFACES				
Ethernet Interface	10/100-BaseT			
Wireless Connections	ZigBee module ⁽¹⁾			
GSM Plug-in Interface	2G/3G GSM ⁽¹⁾			
Power Reduction Interface	4 control pins, 5V, GND			
RS485 Interface	2 ports; May be used for local connection			
SUPPORTED RS485 DEVICES ⁽²⁾				
SolarEdge Devices	Yes			
Export Inverter Data	Yes			
Revenue meters	Yes			
Export Data to Non-SolarEdge Logger	Yes			
ENVIRONMENTAL				
Operating Temperatures	-20 to 60 / -4 to 140			°C / °F
Protection Rating	IP20 Indoor			
MECHANICAL				
Mounting Type	DIN Rail / Wall mount			
Dimensions (LxWxH)	165 X 90.5 X 53.5 / 6.5 X 3.56 X 2.11			mm / Inch
Weight	0.5 / 1.1			kg / lbs
STANDARD COMPLIANCE				
Safety	UL60950-1, IEC-60950-1			
EMC	FCC Part 15 class B, IEC61000-6-2, IEC61000-6-3			

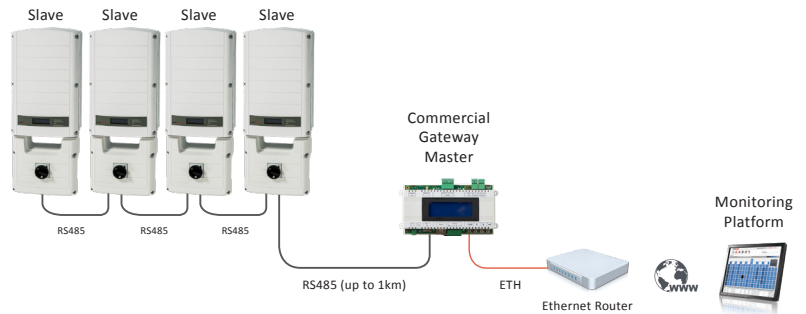
⁽¹⁾ sold separately - see individual product specs for supported locations

⁽²⁾ for supported protocols and devices, see link <http://www.solaredge.com/files/pdfs/se-gateway-supported-devices.pdf>

CONNECTION SCENARIOS

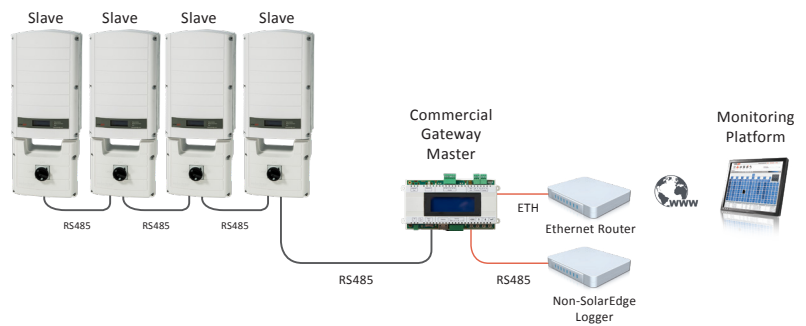
Example 1

Extend the Distance of Wired Connection



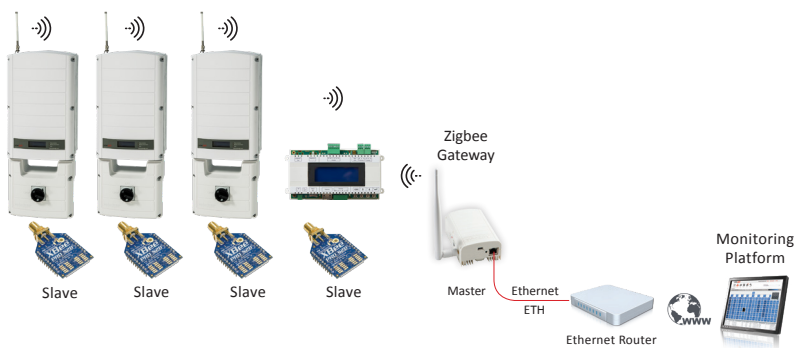
Example 2

Non-SolarEdge Logger & SE Monitoring
Parallel Connection



Example 3

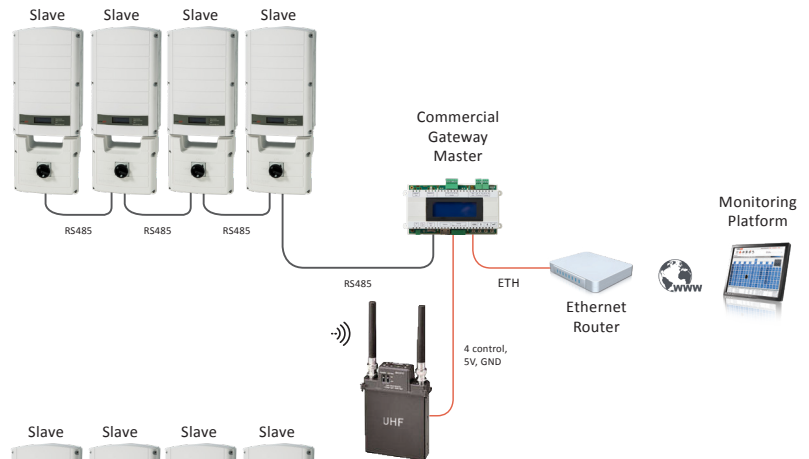
ZigBee Wireless Server Connection



CONNECTION SCENARIOS

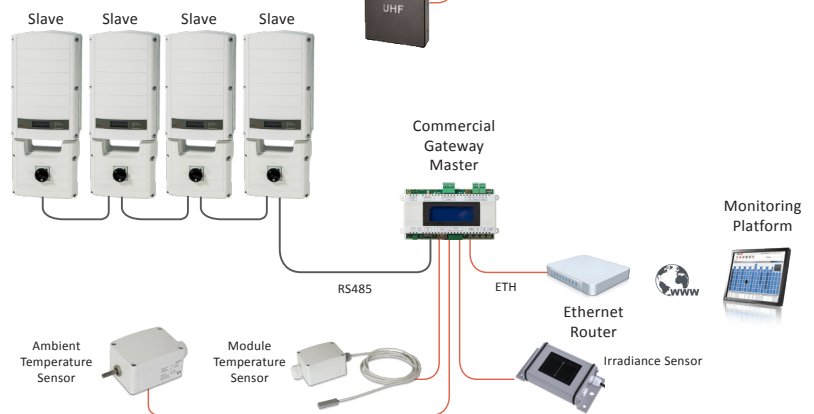
Example 4

Power Reduction Interface (PRI) Connection



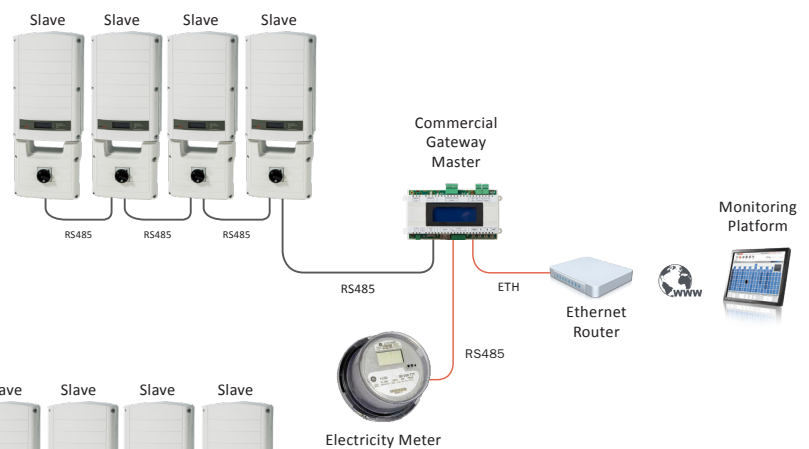
Example 5

Analog Sensors Connection



Example 6

Electricity Connection



Example 7

GSM Connectivity

