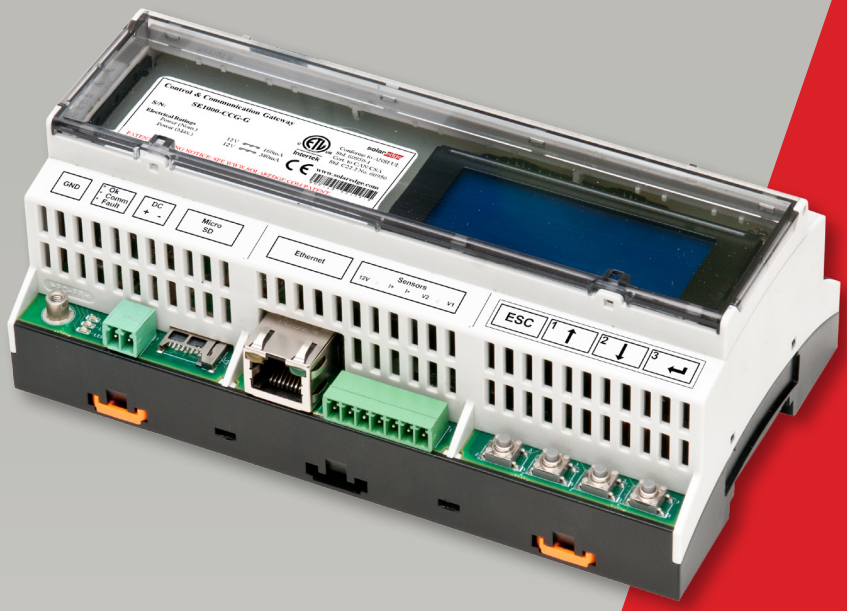
solaredge

SolarEdge Control and Communication Gateway

SE1000-CCG

COMMUNICATION



All-in-one communication gateway

- Wireless connections
- Environmental sensors support
- Power reduction interface
- Revenue grade 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	0-2V or 0-10V	+/- 1% f.s	10 bit	
Input 2	0-20mV or 0-2V			
Input 3	-20mA – 20mA			
COMMUNICATION INTERFACES				
Ethernet Interface	10/100-BaseT			
Wireless Connections	ZigBee module (*), GSM (*) (**)			
Power Reduction Interface	4 control pins, 5V, GND			
RS232 Interface	For local connection			
SUPPORTED RS485 DEVICES (a)				
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)	161.6 X 90 X 62 / 6.36 x 3.54 x 2.44			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			

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

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

(**) EU only

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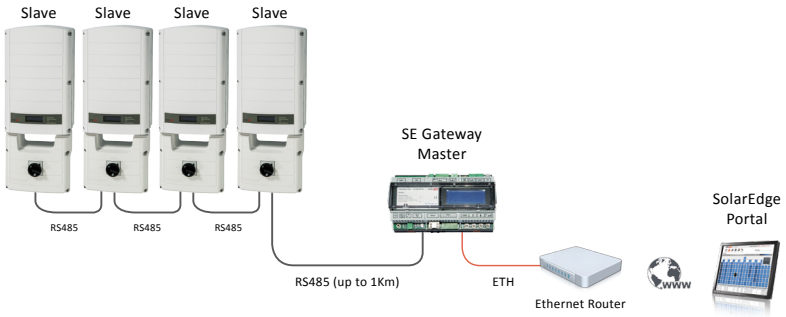
CONNECTION SCENARIOS

Example 1

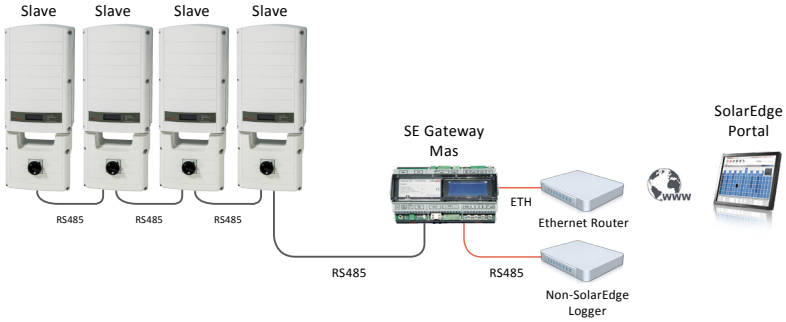
Extend the Distance of Wired Connection



Example 2

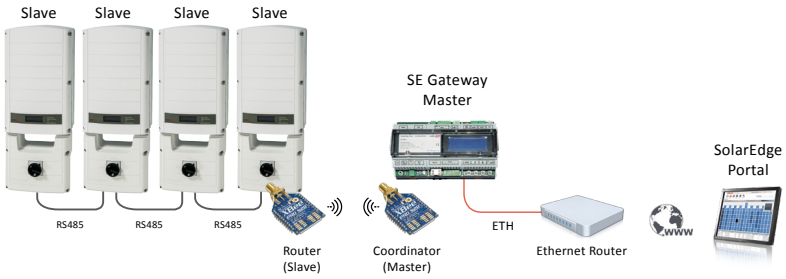
Non-SolarEdge Logger & SE Monitoring

Parallel Connection



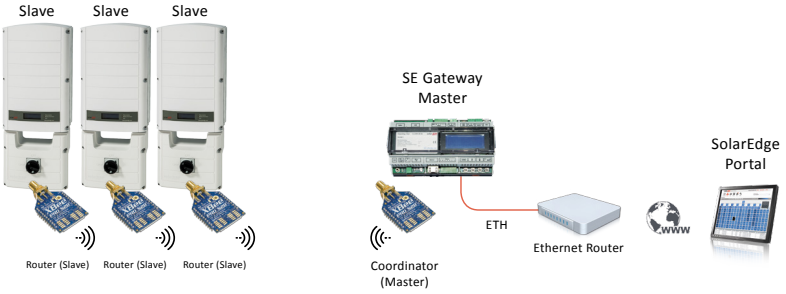
Example 3

ZigBee Wireless Server Connection



Example 4

ZigBee Multi-Inverter Wireless Connection



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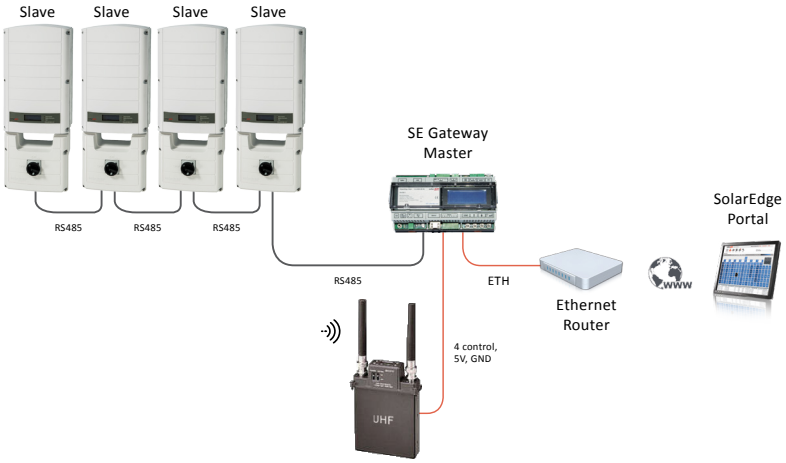
CONNECTION SCENARIOS

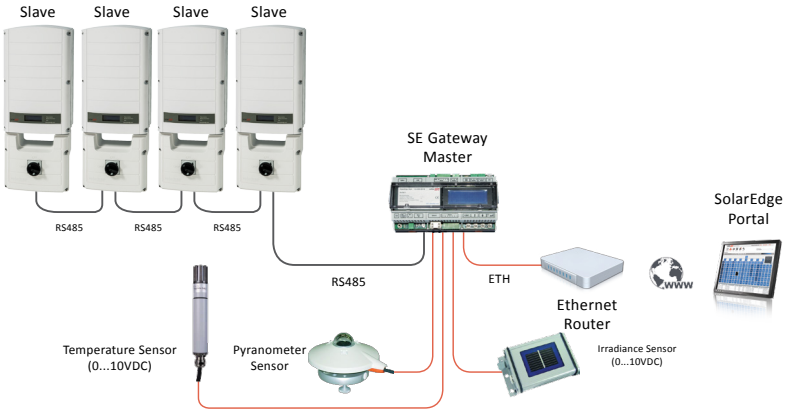
Example 5

Power Reduction Interface (PRI) Connection



Example 6

Analog Sensors Connection



Example 7

Revenue Meter Connection