Commercial Gateway
SE1000-CCG-G-S1

All-in-one communication gateway
- Wireless connections including optional WiFi, Zigbee and GSM modules
- Environmental sensors support
- Power reduction interface
- Electricity meter reader
- Non-SolarEdge inverter data loggers
- Easy installation - DIN rail and wall mount
### Commercial Gateway
SE1000-CCG-G-S1

#### 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
- **Input 1**: 0-30mV or 0-2V, +/-1% f.s, 10 bit
- **Input 2**: 0-2V or 0-10V, +/-1% f.s, 10 bit
- **Input 3**: -20mA – 20mA

#### COMMUNICATION INTERFACES
- **Ethernet Interface**: 10/100-BaseT
- **Wireless Connections**: WiFi or ZigBee modules (*)
- **GSM Module Interface**: 2G/3G GSM*
- **Power Reduction Interface**: 4 control pins, 5V, GND
- **RS485 Interface**: 2 ports; May be used 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 °C / -4 to 140 °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

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

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

Example 1

Extend the Distance of Wired Connection

Example 2

Non-SolarEdge Logger & SolarEdge 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