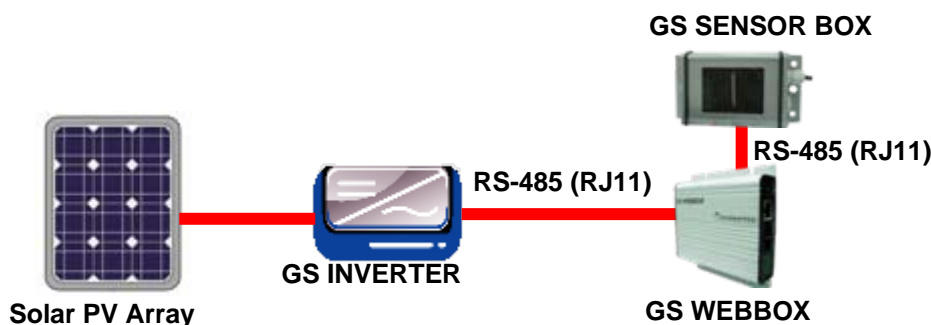




GEOPROTEK SOLAR SENSOR BOX

IP65 Water proof Irradiance & Temperature sensor.

GEO SOLAR SENSOR BOX is a silicon sensor for measurement of solar irradiance and temperature. The powder-coated aluminium case in conjunction with the solar cell laminated between glass and Tedlar foil builds a very reliable and rugged sensor. The IP65 water proof level make it more easily to be installed with your PV system. And the RS-485 signal output can be used to integrate with GS WEBBOX, GS LOGGER or GS HOME TOUCH platform.



Specifications:

Communication	RS 485
Irradiance Measuring Range	0 to 1400 W/m2
Irradiance Measuring Error	±5 %
Cell Temperature Measuring Range	-20 to 75 °C
Cell Temperature Measuring Error	±2 °C
Water Proof	IP 65
Solar Cell	Monocrystalline Silicon (50mm x 33mm)
Power Supply	12 to 28 Vdc
Power Consumption	40mA typically at 20Vdc
Dimensions	145mm x 85mm x 40mm
Weight	360g
Max. Communication Range	1200 m
Mounting Location	Outdoor

