

Solar Survey 100/200R Series

The ultimate solar site-survey tool.



Comparison Chart:

	SS100	SS200R
IEC 62446 compliant	•	•
Irradiance measurement (using solar reference cell)	•	•
Compass function	•	•
Roof pitch measurement	•	•
Ambient temperature	•	•
PV module temperature		•
Data logging function		•
Wireless connectivity		•

Technical Specification:

Irradiance

Display Range	100 – 1500 W/m ² or 30 – 500 BTU/hr-ft ²
Measurement Range	100 – 1250 W/m ² or 30 – 400 BTU/hr-ft ²
Resolution	1 W/m ² or 1 BTU/hr-ft ²

Temperature

Display Range	-30°C to +125°C
Measurement Range	-30°C to +125°C
Resolution	1°

Compass Bearing

Display Range	0° to 360°
Measurement Range	0° to 360°
Resolution	1°

Inclinometer

Display Range	0° to 90°
Measurement Range	0° to 90°
Resolution	1°



To find out more about the **Solar Survey 100/200R Series** go to seaward-groupusa.com/solar-irradiance-meter



SEAWARD
ELECTRICAL SAFETY TESTING & MEASURING.

T: +1 813 886 2775 E: sales@seaward-groupusa.com

TESTED, TRUSTED... WORLDWIDE.

Solar Survey 100/200R Series

The ultimate solar site-survey tool.



General Specification:

Instrument Dimensions and Weight

Weight	0.25kg / 0.6lb
Dimensions	14.8 x 8.0 x 3.3cm / 5.8 x 3.2 x 1.3"
Display	Custom LCD
Power Source	2 x AA Alkaline Batteries
Battery Life	>20,000 Readings
Auto power down	After 2 minutes (unless in transmit mode)
Onboard memory	Datasets 5000 (Survey 200R only)

Connectivity (Survey 200R only)

Sample Rate	1 to 60 minutes (user definable)
Connectivity	USB download to PC (using free DataLogger - available online) Wireless connection to PV150/PV200/PV210/Solar Utility Pro (range c. 30m/100 ft) Frequency 433MHz (Rest of World)/ 915MHz (US)

Service

2 year warranty (subject to terms and conditions, available at www.seaward-groupusa.com/warranty)

Part Numbers:

- Solar Survey 200R (915MHz) US version – 396A916
- Solar Survey 200R (433MHz) ROW version – 396A914
- Solar Survey 100 – 396A910



To find out more about the **Solar Survey 100/200R Series** go to seaward-groupusa.com/solar-irradiance-meter



SEAWARD
ELECTRICAL SAFETY TESTING & MEASURING.

T: +1 813 886 2775 E: sales@seaward-groupusa.com

Rev 3

TESTED, TRUSTED... WORLDWIDE.