

# SL104

## Solar Irradiance Survey Meter

The Di-LOG SL104 Solar Irradiance Survey Meter is the ideal tool for pre-install survey, installation and maintenance of Solar Thermal and Solar Photovoltaic (PV) systems. The high-precision survey meter combines everything that the renewable energy installer requires in one simple handheld device measuring the solar irradiance, cell surface temperature either with the inbuilt sensor or external probe, array/roof pitch angle and magnetic direction with the inbuilt magnetometer enabling it to meet the defined standards outlined in IEC 62446-1.

### Key Features:

- **Solar Irradiance Measurement to 1400W/m<sup>2</sup>:** Indicating in real time how much solar power is available to convert into electricity.
- **Inbuilt Cell Temperature Sensor:** The inbuilt surface probe located on the base of the SL104 offers a quick indication of the surface cell temperature.
- **External Cell Temperature Probe:** The attachable external probe connects directly to the SL104 and offers a quick indication of the underside cell temperature of the panel.
- **Inbuilt Magnetometer Compass:** The inbuilt compass enables you to determine the roof direction to gain an accurate array direction.
- **Roof Pitch Inclinometer:** The integrated inclinometer will assist to determine an accurate pitch of the roof angle the array is intended to be mounted on helping calculate the efficiency of the array.

### Applications:

Electrical engineering | Domestic and commercial solar thermal and solar PV installation



SL104 Solar Irradiance Survey Meter	
SL104	
Irradiance Range	0 - 1400 W/m <sup>2</sup>
Resolution & Accuracy	1 W/m <sup>2</sup> ±(5% + 5 Digits)
Meter Temperature Range	-10°C to 50°C (14°F to 122°F)
Probe Temperature Range	-30°C to 100°C (-22°F to 212°F)
Inclination Measurement	-90° to 90° (0.1° Resolution)
Compass Measurement	0° to 360° (1° Resolution)
Dimensions	176mm x 70mm x 40mm
Weight (net)	390g (inc probe & batteries)
Power supply	4 x AA Battery (LR6/GLR6A) supplied
Supplied with	Temperature Probe & Case
Warranty	2 years
EAN	5060082544729

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All Di-LOG Clamp Meters supported by a 2-Year Warranty