

Solutions for SMART Installations

W-LINK

W-Link provides a wireless connection for **remotely extending an RS485 serial interface**, making it possible to connect a monitoring station to a sensor installed in a remote location where a wired connection is not feasible. The device is particularly well-suited for transmitting over long distances via RF while maintaining low power consumption. The W-Link module supports point-to-point or point-to-multipoint serial communication. All messages are sent via broadcast.

- Frequency band: 863–870 Mhz
- Connection range: up to 5.9 km in line-of-sight (LOS) conditions; up to 3 km in non-line-of-sight (NLOS) conditions
- Over-the-air data rate: 10–80 Kbps
- Radio sensitivity: –107 dBm at 80 Kbps, –112 dBm at 10 Kbps
- Power supply range: 10–15 V
- Dimensions: 120 x 80 x 55 mm (W x H x D)



SOLAR POWER

Solar Power is an integrated kit combining a **solar panel** and a **backup battery** to deliver continuous operation for individual sensors, landslide monitoring systems, and smart solutions like the PG4i. Designed for maximum efficiency, it reduces installation time, deployment costs, and environmental impact.

- 20W 12V photovoltaic panel (400 x 330 x 25mm)
- 12.8V, 7.2Ah lithium battery
- 10A 12V charge controller
- Mechanical mounting kit and electrical wiring



W-SOLAR

W-Solar integrates the **Solar Power** and **W-Link** modules into a unified solution. By serving as both a continuous power source and a remote controller, W-Solar reduces equipment footprint and streamlines installation in the field.

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