

Solar Repeater



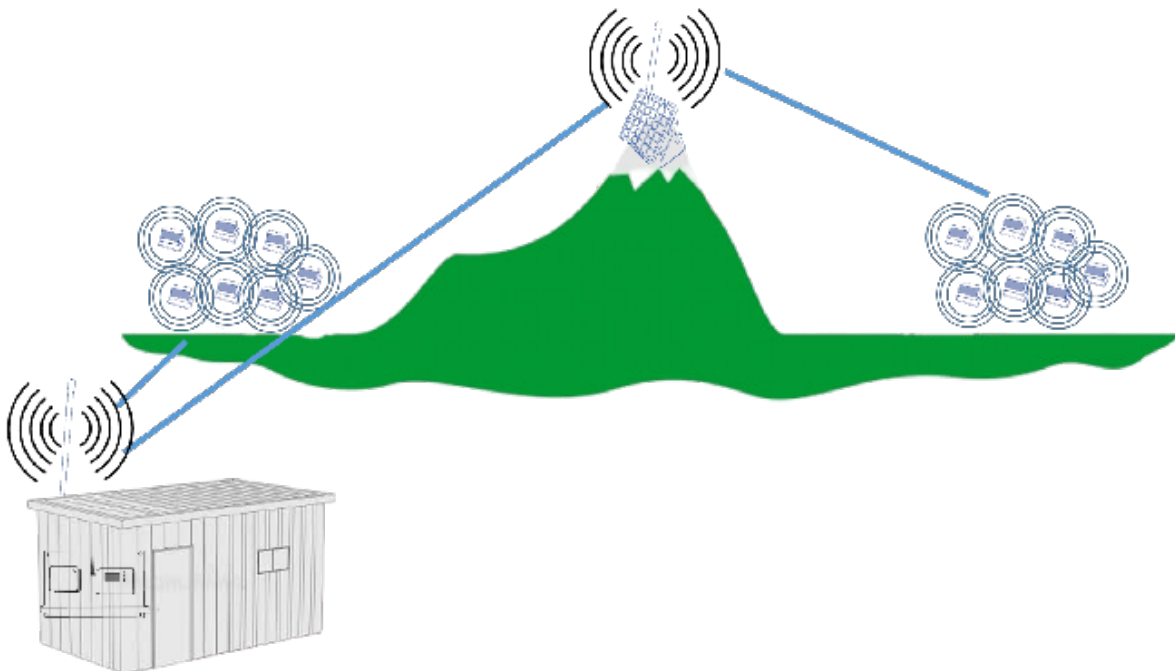
The Water-Insight Irrigation Point Controller (IPC) Solar Repeater is used when obstacles or long distances prevent line of sight between IPCs modules.

Features

- Battery powered with solar battery charging
- Enables extended ranges typically >1km
- Fully integrated with the Water-Insight cloud-based Irrigation Management System (IMS)
- Up to four repeaters can be used in a system providing system flexibility
- Stainless steel mounting system for easy installation
- Each IPC is configured to use the repeater, mesh radio or local comms maximising flexibility.
- Configuration is done by the EP3, INC or IMS gateway.



Item	Parameter	Specification
General		
	Dimensions	Approx. 200 x 200 x 250 mm Mounting holes 6 x M6
	Weight	1800gm
	Temperature	Operating: -10-70 degrees C Storage -10-70 degrees C
	Humidity	0-90% non condensing
	Ingress Protection	IP66
	Power	6000 mAh rating Li-Po battery
Communications		
	Regulatory	ISM band, AS/NZS 4268
	Antenna	3dBi Gain with detachable SMA
	Operating Frequency	915-928 MHz
	Output Power	20 dBm (100mW)
	Receiver Sensitivity	-121 dBm
	Modulation	GFSK



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