

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

Key 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 | 20dBm (100mW) |
| | Receiver Sensitivity | -121 dBm |
| | Modulation | GFSK |

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www.waterinsight.co.nz