

Wavenis Repeater

WRE868-67-500



WRE868-67-500 is developed to offer a solution to market needs related to water meter reading and control. The device works as a repeater using Wavenis® communication protocol using the TXN platform.

The WRE868-67-500 can be turned into an aquaCity metering fixed network repeater by means of a remote command.

The repeater is an outdoor location device.

SYSTEM FUNCTIONALITY

- Low Power Consumption Device
- Radiofrequency Communications in the ISM bands –868 MHz or 433 MHz.
- Temperature range:
 - Operating range: -20°C / +70 °C
 - Storage range: -40°C/+85°C
- 0,33 Farad Super Capacitor. Enables stand-by device maintenance.
- Possibility to customize the enclosure based on need
- Low battery detection and automatic standby mode switch.
- Works as a repeater in the Wavenis® protocol radio network.
- Solar powered option (3W Panel).

TECHNICAL SPECIFICATIONS

- Ultra low power consumption device.
- Sensitivity up to -108dBm and transmission power up to 27dBm
- Up to 40.000 radio transmissions.
- Industrial Temperature Range: -40°C/85°C.
- Super Capacitor of 0.33F to ensure data integrity.
- High Capacity interchangeable batteries.
- Enclosure with UV protection and easy gripping.



DISTRAME SA