



# Dialog3G Cellular™ 500

Remote Small Concentrator

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## Remote Small Concentrator

The **Dialog3G Cellular™ 500** (DC500) is a self powered unit for cellular metering and control.

The DC500 functions as a small concentrator for up to 500 water meters.

The **DC500** can be connected Dialog 3G water meters. With its built in GPRS Modem, the DC500 uses available cellular networks for transmitting metering data to the Dialog3G control center. This self powered unit can transmit its accumulated data several times each day, subject to programming.

The **Dialog3G Cellular™ 500** can support the following alerts:

- Leaks
- Tamper
- High and low flows
- Water level and pressure
- Low battery indication
- Meter reading indication and CCW alarm



### Technical Specifications

|                               |   |
|-------------------------------|---|
| <b>Operational life</b>       | Up to 7 years, depending on programming parameters                      |
| <b>Power supply</b>           | 2 or 8 lithium batteries, size D  |
| <b>Protocols</b>              | TCP/IP over GPRS, Text/UDP for SMS                                      |
| <b>Transmission standards</b> | UMDS GPRS / GSM   |
| <b>Frequencies</b>            | 800 / 900 / 1700 / 1800 MHz   |
| <b>Environmental</b>          | IP-67   |
| <b>Operating Temperatures</b> | -20° C to +60° C  |
| <b>Humidity</b>               | Max. 90%  |
| <b>Dimensions</b>             | 160x130x60mm  |
| <b>Weight</b>                 | with 2 batteries: 1.15kg<br>with 8 batteries: 1.8 kg (external antenna) |
| <b>Installation</b>           | Wall or pipe mounting   |

For the most updated version, please view our website: [www.arad.co.il](http://www.arad.co.il)  
Specifications are subject to change without notice.