

Watertec[®]AMR2

Quad Channel, IP68, GPRS Data Logger for Water

WatertecAMR2 is a quad input pulse counter housed in an IP68 rated flame retardant plastic enclosure containing a control PCB and lithium battery. The unit has 2 leads exiting the enclosure via 2 ip68 rated cable glands providing connection for up to 4 pulse counters and a GSM aerial for communication to the host server.



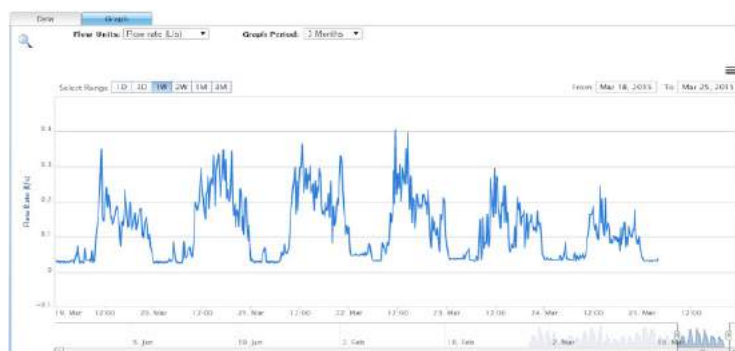
Accurate measurement is the basis of effective water management. WatertecAMR2 (Automated Meter Reader) is a new high performance GPRS water logger available, installed and maintained, at a price point that makes water management affordable.

WatertecAMR2 feeds directly into a web accessed water management software tool that enables multi-sited organisations to track and control water consumption across their estate portfolio on a 24/7 basis.

Read Date	Meter Read (m ³)	Read Type	Consumption (m ³)	Days	Average Daily (m ³)	Estimated Annual (m ³)	Threshold
1 25/03/2015	25,087.13	AMR	0.50	0	0.50	181.34	<input type="checkbox"/>
2 24/03/2015	25,085.63	AMR	7.20	1	7.20	2,523.00	<input type="checkbox"/>
3 24/03/2015	15,179.45	AMR	6.21	1	6.21	3,373.25	<input type="checkbox"/>
4 22/03/2015	25,270.18	AMR	11.70	1	11.70	4,270.50	<input type="checkbox"/>
5 25/03/2015	49,256.48	AMR	12.66	1	12.66	4,563.90	<input type="checkbox"/>
6 20/03/2015	15,245.81	AMR	12.38	1	12.38	4,645.70	<input type="checkbox"/>
7 18/03/2015	15,232.65	AMR	9.06	1	9.06	3,205.90	<input type="checkbox"/>
8 18/03/2015	15,224.59	AMR	8.44	1	8.44	3,080.60	<input type="checkbox"/>
9 17/03/2015	15,218.15	AMR	7.81	1	7.81	2,850.65	<input type="checkbox"/>
10 16/03/2015	15,209.34	AMR	8.43	1	8.44	3,080.60	<input type="checkbox"/>

- ✓ 1-4 downloads per day. Includes meter read and flow chart.
- ✓ High alarm threshold set and quiet alarm feature.
- ✓ Alarm feature via SMS, GPRS or E-mail.
- ✓ Secure 24 hour Web hosting Management Dashboard for 24/7 demand overview.
- ✓ Standard & user defined reporting.
- ✓ FTP data transfer to clients preferred systems (optional)
- ✓ Low battery alarm feature

Watertec supports corporate environmental commitments and drives down unnecessary costs by minimising water wastage by automating consumption monitoring, data & usage trend analysis and providing early warning leak alerts.



- ### Monitoring Functionality
- ✓ Water Supplier AMR Approved
 - ✓ 1 year warranty, Airtime inclusive
 - ✓ GPRS Solid State Roaming SIM
 - ✓ Battery life 5 years 1 download / day
 - ✓ Quad Channel logger (up to 4 x water meters connected)
 - ✓ IP68 Accreditation

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APPLICATION

- ✓ Water meter
- ✓ Metering
- ✓ Water Meter - WatertecAMR2 is a compact transmission device for direct connection water meters. It comes with four freely configurable digital inputs. The integrated SIM delivers easy handling and is ideal for a long running adoption.

PRODUCT CHARACTERISTICS

- ✓ Extremely compact construction
- ✓ Integrated long lived SIM
- ✓ Switching of the input interfaces via web
- ✓ Real-time synchronised with server
- ✓ Integrated Micro power technology
- ✓ Tuneable measurement and transmission cycles
- ✓ Data storage
- ✓ Ultra low costs for start-up and operation

TECHNICAL DATA

- ✓ Inputs : 4 X digital, 1 X tamper
- ✓ Input configuration : Trigger, day counter
- ✓ Power supply with battery BP437RLC : 3, 2-4, 5VDC max, 2A, standby 90 Ua
- ✓ Data storage : 32768
- ✓ Case : Plastic housing
- ✓ Dimensions (mm) : W 165 x H 86 x D 58
- ✓ Weight : 780g
- ✓ Protection class : IP68
- ✓ Ambient Temperature : -0°C...60°C
- ✓ Storage and transportation temperature : -30°C...85°C
- ✓ Relative humidity : 15%...90% r.H
- ✓ Electromagnetic compatibility : EN61010-1
- ✓ Transmission : GPRS Quad Band U10 ISO 7+ (embedded SIM)
- ✓ Configuration : Internet



PROCUREMENT OPTIONS

- ① Hardware Airtime and Commissioning Portal
- ② Hardware Airtime, Commissioning Platform & Installation
- ③ Hardware Airtime, Commissioning Platform, Installation and maintenance SLA
- ④ Hardware Airtime, Commissioning Platform, Web Accessed Reporting Portal, Installation and Maintenance SLA

* For more information on WatertecAMR2 and our range of water cost management services call us on +44 20 8663 1993 or email us on amr@watertite.co.uk, charges start from as little as £0.44p per day.