

Patroller II PDA

*Drive By Permalog+ Data Collection
With Hand Held PDA device*

Permalog® enables water suppliers to quickly and efficiently locate leaks in the water network. Loggers are deployed in areas of the distribution system to provide continuous monitoring of leakage. Easily installed on pipe fittings, they are retained in place by a strong magnet and are battery-powered for up to 10 years.

With over 200,000 loggers deployed worldwide, the effectiveness of Permalog technology has been proven again and again in some of the harshest conditions on earth.

The new Patroller II system enables data transmitted by the Permalog loggers to be collected wirelessly in a moving patrol vehicle. The system features improved surveying speed enabling fast radio download of new data, including full noise logging Aqualog graphics where further investigation is required. It is also equipped with a rechargeable battery and convenient LED display for battery life and communication status.

The Patroller II receives the data and wirelessly communicates this via blue tooth to a PDA or laptop equipped with specialist Patroller software. Using this easy to use software, the user can perform multiple tasks without exiting the vehicle, including programming multiple loggers remotely, viewing downloaded logger status, editing DMA data and setting up Aqualog logging.



Patroller Software
Set up screen.

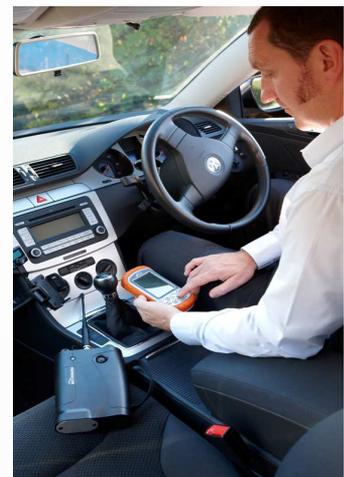


HWM
recommends
using Magmount
aerials.



KEY BENEFITS

- Improved drive-by speeds
- Drive-by with 'Aqualog' mode
- Full programming and download via radio
- Download of historical and Aqualog data
- Improved graphics via PDA with blue tooth link to Patroller II
- Easy to use specialist software





Specification	Permalog +	Patroller II
Dimensions (with aerial)	Market Dependant Varying Sizes for Aerial Used	Market Dependant Varying Sizes for Aerial Used
Dimensions (without aerial)	Height to Top of TNC:	Height to Top: 200mm
Angle fittings available	123mm, width: 50mm width	136mm, depth 48mm
Weight	700 grams	Interface Unit 650 grams
Type of Battery	Lithium/replaceable	Rechargeable Lithium ion
Battery Life	Typically 5 years depending on operation	+ 8 hours (car charger supplied)
Charging Time	-	4 hours
IP Rating	IP68	IP65
Type of Screen	-	PDA Based LCD
Size of Screen	-	Depends on PDA
Backlit Screen	-	Yes
Type of Keypad	-	PDA Touch Pad
Carrying Handles	Optional Hook Accessory	Yes, Nylon Carry Strap
Parameters	User Programmable	Printing: Direct to PC

*Full specifications provided on request to Halma Water Management
HWM reserve the right to change the specification of any product without prior notice.*

Other methods of obtaining data from Permalog loggers are available:

Lift and Shift Data Collection

The Permalog+ “lift and shift” mode is designed for use in a rapid deployment mode allowing users to distribute loggers into the distribution systems, quickly identify potential areas of leakage and then re-deploy the loggers into another area.

PermaNet (Radio or SMS Repeater) Data Transmission

As part of a fixed network Permalog+ can be combined with PermaNet network radio, or SMS repeater, to send leak data daily to the office via dedicated web hosted or local software packages. This gives a powerful system for immediate leakage notification and localisation, leak sizing when combined with daily flow data, for the cost effective management of areas with high levels of leakage, or access/security issues.