CLEAN WATER

Patroller 4

Wireless Bluetooth Transceiver

Patroller 4 is a discreet, wireless bluetooth transceiver used for the collection of data from PCorr+ and Permalog+ devices.

Patroller 4 can rapidly download data via radio, permitting drive-by data collections or lift and shift operation.

Compatibility with the new PCorr+ software and WebCorr app allows data received by Patroller 4 to be used for immediate site correlation or uploaded to PermaNET Web.

Key Features and Benefits

- **Software:**
  Easy to use software
- **Quick and easy:**
  Operations can be performed with a laptop, tablet or mobile phone (Android or iOS)
- **No External Power:**
  Rechargable battery charged by USB
- **Portable:**
  Small, compact and lightweight
- **Wireless:**
  Data can be collected wirelessly in a moving patrol vehicle.
- **SMA connector:**
  Allows for different antenna types

Applications

Patroller 4 is designed for portability and performance; to download from PCorr+ and Permalog+ devices in both drive-by and lift and shift modes.

Patroller 4 is supplied as standard with ¼ wave antennas (see image) allowing for compact storage and ease of transfer between vehicles. Extended operational range can be achieved through the use of magnetic mounted or fixed vehicle antennas.

Bluetooth connection conforms with BLE implementation, optimised for use with HWM software.

MONITORING ASSETS, DELIVERING DATA, BRINGING CONTROL

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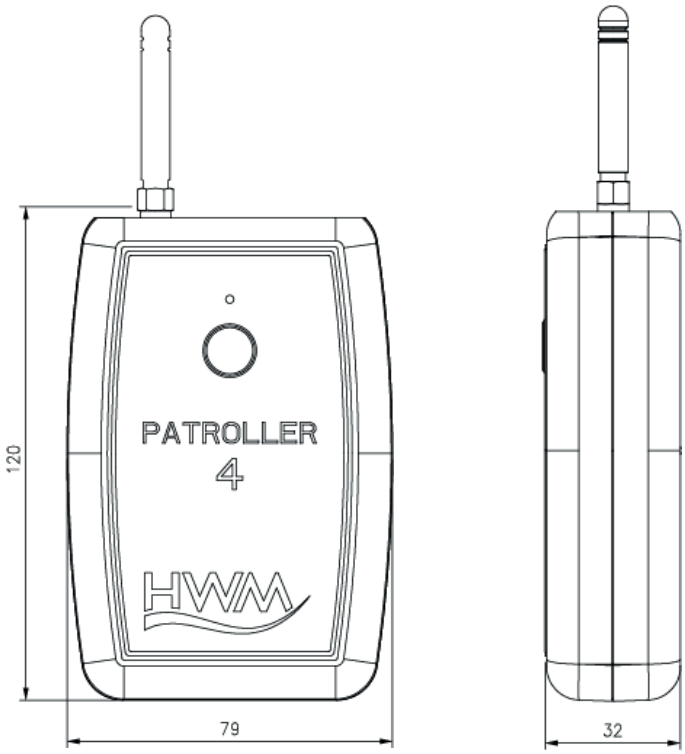

Specification

Tx/Rx Frequency	433.92 MHz	869.85 MHz	914.5 MHz	919.75 MHz
Output Power	+14dBm Max (25mW)	+14dBm Max (25mW)	+14dBm Max (25mW)	+14dBm Max (25mW)
Antenna	¼ wave, helically loaded	¼ wave, helically loaded	¼ wave, helically loaded	¼ wave, helically loaded
Operating Temp. (charging)	0°C to +45°C	0°C to +45°C	0°C to +45°C	0°C to +45°C
Operating Temp. (in use)	-20°C to +60°C	-20°C to +60°C	-20°C to +60°C	-20°C to +60°C
IP Rating	IP20	IP20	IP20	IP20
Power Supply	USB 5Vdc	USB 5Vdc	USB 5Vdc	USB 5Vdc
Housing Material	ABS	ABS	ABS	ABS
Dimensions	120 x 79 x 32mm (Without Antenna)	120 x 79 x 32mm (Without Antenna)	120 x 79 x 32mm (Without Antenna)	120 x 79 x 32mm (Without Antenna)
Weight	150g (Approx.)	150g (Approx.)	150g (Approx.)	150g (Approx.)
Radio (RED)	2014/53/EU	2014/53/EU	2014/53/EU	2014/53/EU
RoHS	2011/65/EU	2011/65/EU	2011/65/EU	2011/65/EU

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