

BlueComms Model BC1

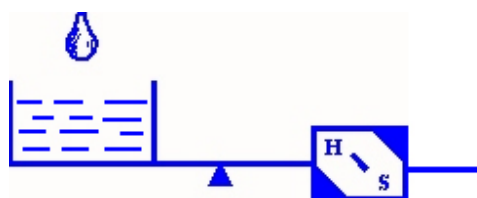
Bluetooth Interface Module for HS Loggers



- **Bluetooth Wireless Communication**
- **Up to 10m range**
- **DB9 Male Connector**
- **Self Contained Battery Power**
- **Provides Power to the logger during a Comms Session**
- **Battery Reverse Polarity Protection**
- **Communication Status Indicator**
- **Battery Status Indicator**
- **Eliminates Use of Fragile PDA Connecting leads**



CERTIFIED QUALITY
MANAGEMENT SYSTEM
— ISO9001 —



HYDROLOGICAL SERVICES PTY LTD

Design, Development & Manufacturing of Scientific Instruments & Equipment for Water Level, Water Flow & Meteorology

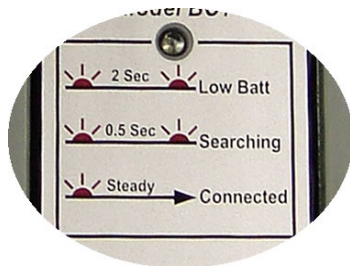
DESCRIPTION:

The BlueComms Model BC1 is Hydrological Services most modern Bluetooth™ wireless technology. When used in conjunction with Hydrological Services data loggers, the user is able to configure the logger settings and download the data stored in the logger using a Bluetooth compatible PDA or Laptop.

The BlueComms is a self powered Bluetooth™ to RS232 interface. The male DB9 connector on the BlueComms device is configured for direct connection to the female DB9 connector on the ML1 data Logger or River Hawk shaft encoder at a baud rate of 9600 and powers the logger during the communication session.



During communication the LED indicator on the BlueComms is 'ON'. The LED is a visual guide for the operator, as each flashing sequence indicates differing status as shown on the figure below.



- **Low Battery:** LED will flash every 2 seconds.
- **Searching:** searching or waiting for a connection, LED will flash every 0.5 second.
- **Connected:** connection is established, LED is ON steady.

SPECIFICATIONS:

Enclosure	Size:	97 x 60 x 27 mm 3.7 x 2.4 x 1 inch
	Material:	Durable plastic with rubber sides for easy grip
Environmental	Temp:	-20°C to +70°C
	Humidity:	95% RH Non Condensing
Connections		1 x DB9 Male Connector
Communications	To Logger	RS232 Port (Tx, Rx) @ 9600 baud rate
	To PDA/PC	Bluetooth™, Wireless
Bluetooth		Class 2/Output power 2.5 mW (4dBm) Compliant Bluetooth Spec V1.1 (Operating at 2.4GHz) Up to 10m range
Indicators		1 x LED indicator for battery and Bluetooth status
Power Source		2 x Internal AA alkaline cells 30mA giving 80 hours continuous operation translating to about 2 to 4 months of normal use
Weight		120 grams
	Note:	Specifications are subject to change at anytime without notice.

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