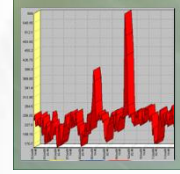


# Blackbox 136 CSO datasheet

## Low power, data logging version



Pulsar's Blackbox 136 CSO is a sophisticated ultrasonic system specifically designed for use with batteries to provide non-contacting monitoring of level or overflow events, with exceptionally low power consumption to maximize battery life in remote locations. An example of a 12v 35Ah battery can provide over 3 years worth of remote monitoring.



### Blackbox 136 CSO – General

Function:	Level and Flow
Power Supply:	10-28V DC
Approvals:	UL/CuL NEMA 4X (IP65) American Recovery and Reinvestment Act (ARRA certification on request)
Temperature:	Ambient -4 to 131°F (-20 to 55°C)
Programming:	Easy descriptive menu driven parameters via handheld programmer or Blackbox PC software CSO Log Software – used to setup data logging routine

### Outputs

Analogue Output:	0-5V DC
Analogue Functions:	Level and Flow

### Data Logging

Memory Capacity:	256Kbytes 45 days @ 5bytes/min
Memory Type:	Non volatile memory

### Echo Processing

Echo Processing:	Digital echo processing
Masking:	DATTEM Obstruction Masking (unique intelligent masking technology, continually adapting to prevent false levels being shown)

### Options

Software:	Blackbox PC - Diagnostic software, parameters accessible and echo traces viewable CSO Log Software – used to setup data logging routine and extract data
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### Compatible Transducers

Level / Volume App. :	dB3, dB6, dBS6, dB10, dB15, dB25, dB40
Open Channel Flow App. :	dB3, dB6, dBS6, dB10, dB15
Please see related transducer datasheet for specifications and options.	

### Blackbox

