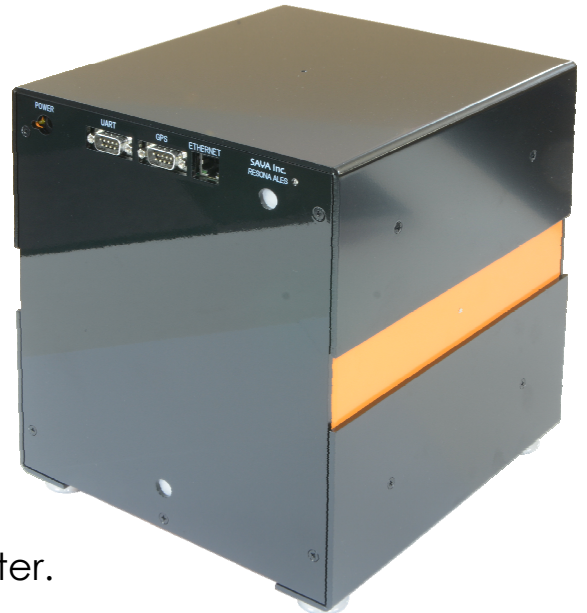


INFRASOUND-SENSOR

ADXIII-INF01LE

Infrasound consists of three sensors:

- (1) HF: 1000Hz - 0.1Hz
±71Pa (16bit resolution)
capacitive differential
pressure infrasound sensor.
- (2) MF: 6.25Hz - 0.001Hz
±733.4Pa (22bit resolution)
electromagnetic induction
differential pressure infasound sensor .
- (3) LF: 0.1Hz - DC (26Kpa-126Kpa)
(24bit resolution) precision barometer.



Included Peripheral Sensors:

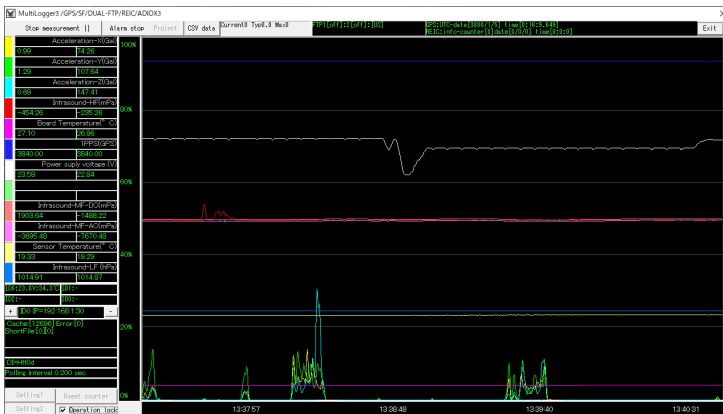
- (1) 3-axis acceleration sensors.(0-1960gal 0.19-25Hz)
- (2) temperature sensors.
Infrasound sensor MF, print circuit board , Device.
- (3) GPS.

Interface

Ethernet / RS232C(UART) 921.6Kbps or 115.2Kbps
Ring buffering (High speed)
or block polling (Low latency, Low CPU load).

Software

Windows Application : MultiloggerX3.
Windows API : ADioxX3-API.
Raspi : Sample software.
Others: Register map.



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