

# INFRASOUND-SENSOR

## ADX III -INF04LE

### Infrasound consists of two sensors:

- (1) HF: 1000Hz - 0.1Hz  
±71Pa (16bit resolution )  
capacitive differential  
pressure infrasound sensor.
- (2) LF: 0.1Hz - DC (26Kpa-126Kpa)  
(24bit resolution ) precision barometer.



### Included Peripheral Sensors:

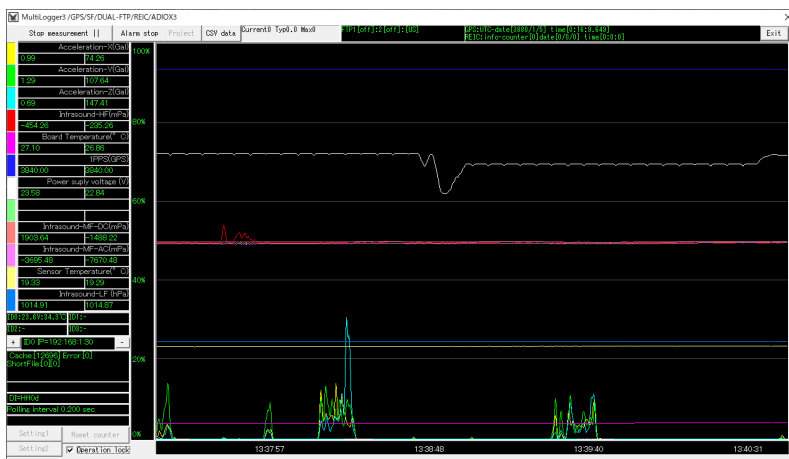
- (1) 3-axis acceleration sensors.(0-1960gal 0.19-25Hz)
- (2) temperature sensors.  
Infrasound sensor MF, print curcuit board , Device.
- (3) GPS.

### 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.



**SAYA Inc.**