



### Example Part Numbers

For noise logging with Type 1 accuracy via a wireless modem and local access by WiFi order *i3400-1-WF-3G/4G*.

The *iNoise 3400* noise monitoring system provides automated remote outdoor noise monitoring capabilities to not only determine when noise exceeds established limits but also provide a recording of the triggered event. Information about the event is transmitted via Internet or WiFi to provide near instant information anywhere it is needed. This capability allows one to determine the cause of the noise exceedance.

The unit contains an internal Digital Engine computer with Intel Atom N270 CPU, 2 GB of RAM and 40 GB solid state hard drive running with Ubuntu Linux operating system. Communications are via the built in WiFi network or through a 3G/4G wireless modem. Communications and control software are provided to program the unit and receive the recorded events. The noise meter measures from 30 to 140 dBA. Sound Pressure Level (SPL), Maximum SPL ( $L_{max}$ ), Minimum SPL ( $L_{min}$ ), Peak SPL ( $L_{pk}$ ) and Integrated SPL ( $L_{eg}/L_{avg}$ ) are recorded along with the complete sound event.

When integrated with Geocomp's *iSiteCentral™* system, email and SMS alert messages can be provided each time an exceedance occurs. All events are maintained in a data management system.

The *iNoise 3400* is ideal for continuous monitoring of construction work, traffic, airport, concerts, recreational activities, and other noisy activities. The device's unique ability to record only events that exceed preset thresholds greatly simplifies the effort required to monitor compliance with noise standards.

### SPECIFICATIONS:

#### POWER SUPPLY

External Mains: 120 VAC  
Main Internal Battery: Tripp Lite  
LCD1000 Online  
UPS 1000VA

#### OPERATING ENVIRONMENT

Temperature: -10° to +50°C  
NEMA 4 moisture resistant enclosures

#### POWER CONSUMPTION

Average current in continuous mode:  
1A @ 14VDC  
Average current in standby mode: 0.8A  
@ 14VDC

#### PERIPHERAL INTERFACES

WiFi 802.11G  
IP 3G/4G wireless modem

### STANDARD PACKAGES *i3400-XX-YY-ZZ*

XX - Sound Class Accuracy

1: Precision class / type 1  
2: General purpose class / type 2

YY - Radio Option

NO: No radio  
WF: 802.11G WiFi connection

ZZ - Modem Option

NO: No modem  
3G/4G: 3G/4G (NA only)