

iScout®

Introducing the Next Scouting Legend

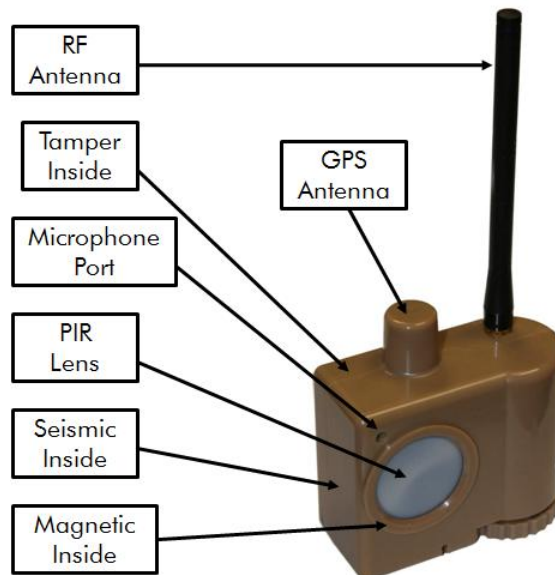
The sensing capabilities of the Indian scout were legendary.

iScout® DESIGN

iScout® sensors were designed to produce exceptional performance while keeping size and cost to a minimum. These sensors use the very latest in electronics to shrink size and reduce power consumption. The signal processing provides time domain, frequency domain, and decision making processes. iScout® sensors have two way RF wireless networked communications. Custom network protocols ensure message delivery. iScout® has seismic, magnetic, acoustic and passive IR sensors and they detect and classify people and vehicles, including recognizing human speech. Each iScout® has built in GPS to locate the sensor. Sensor configurations can be programmed over the network via the user interface to optimize the operation of each iScout®. Handheld or PC User Interfaces display target detections. These small sensors are rugged and perform under extreme environmental conditions.

A commercial security sensor that simplifies detection of personnel and vehicles, iScout® is a perfect match for threat detection in buildings, along roads, in parks, around a home or facility, and in remote wilderness areas.

iScout® is connected via a wireless RF link to a local user handheld display to alert the operator every time a target is detected. Because the iScout® uses network based communications, the detection information can also go simultaneously to a central monitoring site. The operator can reconfigure the sensor remotely over this same network link.



iScout®

PERFORMANCE

The small size and weight of the iScout® hides the reality the sensor outperforms competitors. iScout® has superior target detection capabilities. The sensor detection range and the high probability of detection make iScout® a world leader in security sensors. The extremely low probability of false alarm performance means weather and nuisance activity do not distract the user. iScout® uses the latest digital sensor processing to discriminate seismic, magnetic, acoustic, and passive IR features associated with targets. The RF wireless connectivity provides total mobility so sensors can go anywhere and report to users anywhere. Power consumption is extremely low yielding an operational lifetime of weeks on two internal AA batteries. External iScout® batteries extend the lifetime to periods exceeding one year. A handful of iScouts® carried in pockets or a backpack are very quickly deployed to protect an area from unknown intruders. Using a built in GPS, iScout® sensors alert on target presence and their location. Scouting is safer and more effective with these sensors.

iScout® Low Cost Remote Sensor

Features and Specifications

iScout® was developed by McQ to provide the sensor performance and features needed for security monitoring applications. The iScout® sensor has the capability to remotely monitor areas of interest and immediately alert the user when any activity is occurring. The sensor uses wireless networking to connect the sensor to the user. Sensor information can be sent via terrestrial networks to serve and distribute information for integration with other information. iScout® tells the user the type of target providing real time knowledge to make tactical decisions. iScout® is capable of supporting the following applications:

- Site Monitoring and Cueing Cameras When Activity Occurs
- Border Monitoring
- Perimeter Security Around Facilities
- Protection of Infrastructure Assets
- Law Enforcement Surveillance Sites
- Force Protection at Military Sites

iScout® units have been used for law enforcement monitoring, facility monitoring, personnel protection, and for border monitoring. iScout® is a flexible sensor that can be monitored in the field by the user or over a network to match changing operational needs. The small size of the sensor enables it to be easily carried and installed.



Several Battery Options are available for the iScout® sensor extending the life from two a few weeks with internal AA batteries to indefinite life with a solar power unit.

- Built In GPS Receiver
- 14 Day Life/External Battery for Longer Life- 3 Months, 1 Year, & Indefinite Solar Unit
- Built In Tamper
- Size: 3 ½ x 3 ½ x 1 ¼ Inches
- Wireless RF Networked Comms
- Built In Seismic, Acoustic, Magnetic, and PIR Sensors-Optional Switch Closure
- Two AA Batteries (Lithium Preferred)
- Solar and Extended Life Power Available
- Weight: 8 Ounces
- Rugged, Waterproof Case
- Classification: Seismic People, Seismic Vehicle, Acoustic Speech
- Operating Temperature: -40 to + 60°C

Specifications may change due to product enhancements. For more information on any of our products or services please visit us on the Web at: www.mcqinc.com

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