

## **ASSET & DANGER DETECTION UNIT**

- An Active Tag is fitted into or onto an asset, such as a Laptop
- Computer, Monitor, Printer, etc.
- Active Tags operate at 433.92MHz, a free to air band, approved for use in South Africa & various European Countries
- The Fixed unit is mounted to a suitable area & the receive range is set up. It has a timer controlled relay output, which can be used for activating peripheral recording or warning hardware.
- The Portable unit is carried by a guard, & will beep & vibrate to alert the person carrying the device.
- Security can then take appropriate action by asking the person to produce proof of ownership or suitable documentation to remove the asset.

Both units have –

RS232 download / upload stereo socket.

Battery backed up Real Time Clock.

Memory capacity is: -

Database of assets – 1000.

Rolling LOG buffer – 1000.

- A typical application is to give people Tags (T320 I.D Badge) to walk around with.
- The DDS is fitted to vehicles, trucks or fork lifts.
- If the vehicle comes within range of the danger (person with I.D badge), the DDS will activate the on board relay, which can be used to cut off or slow down the Vehicle for a prescribed period.
- The DDS has a timer controlling the relay.
- The DDS unit will record the Tag number detected, plus time and date. This information can be downloaded and used to prove that the accident was avoided.

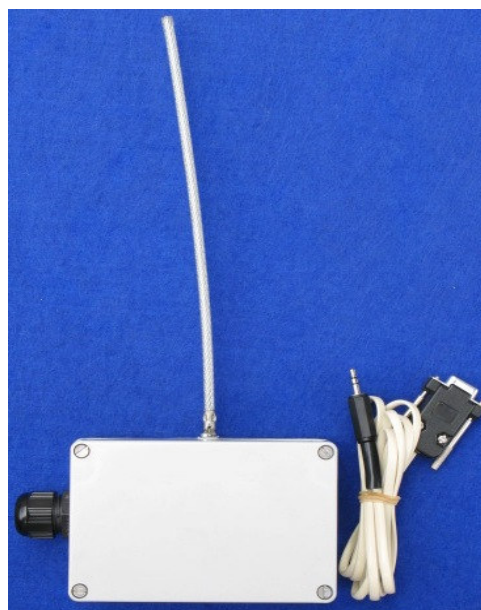
### **The Portable Unit**



**The Transmit/Receive range of Active Tags with the ADS/PDS unit is between 3 and 15 metres in diameter depending on screening by metal**



### **The fixed unit**



**The transmit / receive range of Active Tags with the ADS / PDS - fixed unit is between 5 and 30 meters in diameter. The range is adjustable on the reader & is also dependant on screening by Metal.**

FOR FURTHER DETAILS VISIT OUR WEBSITE @ [www.triwave.co.za](http://www.triwave.co.za)