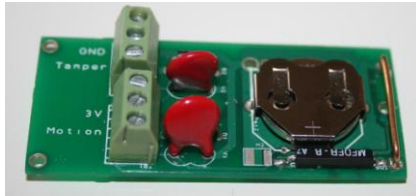


ACTIVE RFID



- Beacon tag transmitting a unique ID & data at pre-set intervals
- Ultra long-range transmitter
- 2 separate alert options
- Self or externally powered
- Compact size

The TGIO tag is an active tag with two IO switching terminals allowing the user to plug in their own choice of sensors. The IO activity is transmitted by the tag as either tamper activity, IO1 or motion activity IO2. In sleep mode the tag will only transmit on IO activity, when awake it continuously transmits a unique ID number which can be detected by Wavetrend® reader. The tag can be powered by a CR1632 internal battery as supplied or it can be powered externally via the terminal blocks by a 9V battery with the 3V battery first being removed.

Typical Applications

The TGIO tag has a unique omni directional antenna design allowing the tag to be read from all directions and to be deployed equally well on metallic and non metallic assets.

Optimum read range is achieved on metal with a 10% reduction on non metals.

The tag is supplied unboxed to allow the user to integrate it with their own sensors. The user should ensure a suitable enclosure is used for their choice application.

Model Range

The tag can be ordered using the part numbers listed below:

L-Series
TGIO

Specifications

Environmental	
Operating temperature	: -30°C to +85°C
Storage temperature	: -40°C to +90°C
Humidity	: 5% to 90% (non-condensing)
Physical	
Size	: 56 x 25 x 10 mm
Weight	: 10g
Radio Frequency	
Transmit Frequency	: 433.92 MHz
Range	: 1 to 50 + meters (actual range is determined by the choice of reader & antenna used to detect the tag and the environment it is used in)
Electrical	
Power	: Internally or externally powered by lithium battery



IP Information

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Ordering & Further Information
 For more information on purchasing the Activ TGIO Tag please email Wavetrend's Sales team:
sales@wavetrend.net
 For more information on Wavetrend® visit our website www.wavetrend.net