

## Product Data Sheet



### Eureka UHF Active Personnel Tag - Transmit Only

#### UHF Active Personnel Tag

A hands free, long range active tag, generally used for asset and personnel identification, tracking and security applications.

The tag is designed to be worn using a lanyard, necklace or clipped to clothing for personnel applications or fixed to assets using permanent adhesive.

The Eureka personnel tag has a footprint of a standard credit card and is light weight. It is ultrasonically sealed into an ABS plastic enclosure providing protection from adverse environmental conditions.

The tag is powered by an internal battery and operates by transmitting data using a UHF signal repeatedly at a preset intervals. Built-in anti-collision allows multiple tags to be identified simultaneously.

Operational tag life is up to 3-5 years depending on the tags use, configuration, application and environment.

Other additional features include, OEM Codes to ensure reliable operation with multiple systems, battery monitor giving prior warnings to prevent tag failures, configurable orientation for maximum range and sensors.

#### Applications

- Asset Monitoring
- Personnel Monitoring
- Security

#### Tag

|                      |                                    |
|----------------------|------------------------------------|
| RF Frequency         | 868MHz                             |
| Modulation           | FSK                                |
| ERP                  | <2uW                               |
| Data Rate            | 19,200 Baud                        |
| Range                | Up to 100m*                        |
| <b>Physical</b>      |                                    |
| Dimensions Size      | 85mm x 45mm x 6.5mm                |
| Weight               | 22g                                |
| Case Material        | ABS (Ultrasonically Sealed - IP67) |
| <b>Environmental</b> |                                    |
| Temperature          | -10°C to +50°C                     |
| <b>Electrical</b>    |                                    |
| Power                | Internal Lithium Coin Cell         |

\* Subject to orientation & environmental conditions.

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