

***This semi-passive RFID tag works with all UHF Gen 2 readers and is an ideal choice for people tracking.***

This battery assisted EPC Class 1 Gen 2 tag is an ideal choice for people tracking. It overcomes the limited readability of passive RFID tags are placed close to the human body and is less costly than most active RFID tags. This Semi-passive tag reads consistently and reliably when hanging from the neck, embedded in a wallet, pocket, backpack or purse.



**Key Features:**

- ✓ Personnel tracking and identification
- ✓ Works with all UHF Gen 2 readers
- ✓ Consistent and reliable read performance
- ✓ when being placed on human body
- ✓ Ideal for applications such as:
  - Access control and attendance tracking
  - Retail loyalty program
  - Theme park experience enhancement

**Technical Specifications**

|                          |   |
|--------------------------|---|
| Physical Characteristics | 85 x 54 x 1.5 mm                                      |
| Read Range               | 5 meters when hanging on human body                   |
| Mode of operation        | Battery-Assisted Passive (BAP)                        |
| Frequency Range          | 860 MHz to 960 MHz                                    |
| Environment              |   |
| Operating Temp           | -20 °C to 60°C  |
| Humidity                 | 5% to 95% Non-condensing                              |
| Life Expectancy          | 2 years (at room temperature)                         |
| Protocol                 | ISO18000-6C, EPC UHF Class 1 Gen 2                    |
| Memory Content           | Up to 496-bit EPC ID; 64-bit TID; 512-bit User Memory |

|   |   |
|---|---|
| <p><b>GAO Group</b></p> <p><a href="http://GAORFID.com">GAORFID.com</a></p> <p><a href="http://GAOTek.com">GAOTek.com</a></p> <p><a href="http://GAOResearch.com">GAOResearch.com</a></p> | <p>Toll Free (USA &amp; Canada)</p> <p><b>1-877-585-9555</b></p> <p>All Other Areas</p> <p>416-292-0038</p> <p>Dial Ext.601 for Sales<br/>Ext.602 for Other Inquiries</p> <p><a href="mailto:sales@GAORFID.com">sales@GAORFID.com</a></p> |
|---|---|