The handheld RFID reader is an ideal solution for mobile asset tracking and monitoring, inventory management and for mobile field service applications such as security monitoring and service level adherence.

This Bluetooth enabled UHF RFID paddle reader provides a smart combination of interfaces for enterprise IT managers wanting to integrate RFID into their systems. The reader is ideal for mobile workforce to track and monitor mobile assets and is readily integrated with a wide variety of wireless handheld PDAs including symbol, intermec, HHP, Psion Teklogix, i-mate Jam and Ipaq. The Bluetooth connectivity makes it a perfect retrofit option for businesses having the need to add value to their investment in handheld technology.

**Key Features**

- Designed for handheld, countertop or wall mounted use, ergonomic styling
- Lightweight and portable
- Supplied by rechargeable Lithium-ion battery
- Available with ActiveX control for Microsoft Windows application
- Available with ActiveX control for Microsoft Windows application
- Full read/write functionality for compatible tags
- Can be used in conjunction with Bluetooth GPS location devices for asset mapping
- Programmers undertaking software integration
## Applications

- Access control
- Asset tracking
- Warehouse management
- Livestock tagging

## Technical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>902 to 928MHz</td>
</tr>
<tr>
<td>Communication interface</td>
<td>USB or Bluetooth</td>
</tr>
<tr>
<td>Reading distance</td>
<td>Up to 1m, typically 40cm</td>
</tr>
<tr>
<td>Read rate</td>
<td>Up to 640kbps</td>
</tr>
<tr>
<td>Housing</td>
<td>High impact plastic</td>
</tr>
<tr>
<td>Bluetooth interface</td>
<td>Class 2 (typically 10m operation)</td>
</tr>
<tr>
<td>Power supply</td>
<td>Via USB for high-capacity internal rechargeable Li-ion battery</td>
</tr>
<tr>
<td>Transponder compatibility</td>
<td>ISO18000-6b, EPC Class 1 Gen1, EPC UHF Gen 2</td>
</tr>
<tr>
<td>Antenna</td>
<td>Internal only</td>
</tr>
<tr>
<td>IP rating</td>
<td>IP64</td>
</tr>
<tr>
<td>Dimensions</td>
<td>210mm × 70mm × 15mm</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx. 135g</td>
</tr>
<tr>
<td>Operating/storage temperature</td>
<td>-10°C to 60°C</td>
</tr>
</tbody>
</table>
Product Overview

902MHz RFID Paddle Reader with Bluetooth (246004)

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GAO Group

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902MHz RFID Reader with Bluetooth

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