This 125kHz handheld RFID reader/writer has an IP54 protection rating allowing for robust operation even in harsh environmental circumstances.

This portable low frequency RFID reader/writer is appropriate for applications such as guard tour monitoring systems, remote equipment inspection management, goods delivery and transportation management. It allows for accurate, real-time data transmission and reads compatible RFID tags at distances from 20mm to 30mm.

**Key Features**

- Light in weight
- User-friendly interface design
- Resistant to shock and dust
- Fast Tag Identification
- Long operating time
- Collects tag data without delay even at low temperature of -5°C
Technical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>125kHz</td>
</tr>
<tr>
<td>Standard deployment</td>
<td>ASK Manchester coding, EM Compatible 64bits</td>
</tr>
<tr>
<td>Reading distance</td>
<td>20mm to 30mm</td>
</tr>
<tr>
<td>Time of identity</td>
<td>Less than 1s</td>
</tr>
<tr>
<td>Environmental sealing</td>
<td>IP54 Standard. Anti-shock / Dust-proof</td>
</tr>
<tr>
<td>Data interface</td>
<td>RS232</td>
</tr>
<tr>
<td>Power supply</td>
<td>Re-chargeable Lithium battery (1500mAh)</td>
</tr>
<tr>
<td>Power consumption</td>
<td>Less than 2W in reading state, 0W in idle state</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-5°C to 50°C</td>
</tr>
<tr>
<td>Dimensions</td>
<td>185mm x 70mm x 35mm</td>
</tr>
</tbody>
</table>
Product Overview

125kHz Handheld RFID Reader/Writer (221008)

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**GAO Group**

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