This passive Gen 2 RFID tag is designed to provide cost-effective and reliable tracking of wooden pallets, one of the main transit item platforms used globally.

This passive Gen 2 RFID Pino tag is suitable for the tagging of trees and identifying wooden items from timber to finished structures. It operates in a frequency range of 865MHz to 928MHz. The RFID tag is compliance with EPC Class 1 Generation 2 communication protocol and offers a long read range of up to four meters. This ultra-high frequency RFID tag incorporates an NXP XM chip, EPC memory and additional memory for storing user specific information. Furthermore, it survives a wide temperature range from -20°C to 85°C and performance well even in harsh environments.
**Technical Specifications**

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>75mm x 14mm x 0.3mm; 2.85in x 0.55in x 0.12in</td>
</tr>
<tr>
<td>Frequency range</td>
<td>860MHz to 960MHz</td>
</tr>
<tr>
<td>Communication protocol</td>
<td>EPC Class 1 Gen 2</td>
</tr>
<tr>
<td>Read range</td>
<td>Appr. 4m/13ft</td>
</tr>
<tr>
<td>IC An memory size</td>
<td>96 bit EPC+64 bit Impinj Monaco/64/240 bit EPC+512 bit NXP G2XM</td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>-20°C to 85°C / -4°F to 185°F</td>
</tr>
<tr>
<td>Product is ROHS compliant</td>
<td></td>
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</tbody>
</table>
Product Overview

Passive Gen 2 RFID Pino Tag (116404)

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GAO Group

Celebrating Over 15 Years of Innovation

GAO RFID Inc.

A Member of GAO Group

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Passive Gen 2 RFID Pino Tag (116404)

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