HD Barcode™ - Secure Product Authentication

**Large Data Capacity**
Up to 175 times more data than a DataMatrix or QR barcode. Store up to 703,000 kB.

**Secure Authentication**
Code technology allows authorized users to scan and decode and restricts unauthorized reproduction.

**NO INTERNET REQUIRED!**
Proprietary scanning application allows the barcode to be read at any location.

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**DECODE USING SMARTPHONE**

1. Product Image embedded into HD Barcode™.

2. Place with product or on product.

3. Then Scan and Decode to positively authenticate unique features on product.

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**PRODUCT AUTHENTICATION**

HD Barcode™ Unique to Manufacturer
Custom configured. Barcode can only be read by authorized personnel.

Track and Trace
Unique HD Barcodes can be ink jet or laser printed in the same manner as DataMatrix or most barcodes. Serial numbers can be embedded within the HD Barcode™ to match tracking codes that are included within DataMatrix and other barcodes printed online for positive authentication.

Full Color Product Images
Product or Part images can be embedded or embossed within the HD barcode™ to verify identity.

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100% Secure Authentication

The HD Barcode™ is proprietary, thus can NOT be scanned or read by unauthorized users. Should a label be copied or reproduced, it will not compromise the integrity of the HD Barcode™ because all information is embedded within the code and can not be altered.

HD Barcode™ Patent #8360333
DECODE USING PC SCANNER

SECURITY

- Code generator program remains independent from HD Barcode™ readers preventing unauthorized reproduction of codes.
- Reader application can be configured to require registration with expiration date and password.

The HD Barcode™ can be printed on numerous materials including, cartons, labels, containers, and component parts. Supports multiple file types, including large zip files.

**Track • Trace • Authenticate!**

<table>
<thead>
<tr>
<th>Embedded HD Barcode™ Identifiers</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Name of Manufacturer</td>
</tr>
<tr>
<td>• Location of Manufacturing Plant</td>
</tr>
<tr>
<td>• Production Line Information</td>
</tr>
<tr>
<td>• Carton or Label Identifier</td>
</tr>
<tr>
<td>• Revision Numbers</td>
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<tr>
<td>• Distribution Regions</td>
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</tbody>
</table>