DATAMAN VERIFIERS
INDUSTRIAL ID | VERIFIERS | 2-D CODE VERIFICATION

» Fully integrated designs
   Lighting, camera, positioning and software all in one package.

» Compliant results
   Meet industry 2-D code quality standards.

» Ease-of-use
   Two model options—handheld or fixed-mount delivers maximum flexibility.

Reliable, compliant results
Cognex® DataMan® 2-D (Data Matrix) verifiers provide manufacturers with reliable results needed to comply with the latest 2-D code quality standards, mandated by most industries today.

DataMan Verifiers include handheld and fixed-mount platforms for the ultimate in flexibility.

Dataman handheld verifiers
As the only portable, compliant handheld verifier available on the market, the DataMan 8600V series verifiers offer superior ease-of-use and are highly cost effective. Using a handheld verifier, manufacturers can perform verification on the factory floor, rather than at a remote or fixed verification station.

» Integrated lighting
   DataMan 8600V series verifiers incorporate 30 degree dark field lighting and are ideal for verifying nameplates and other flat parts.

» Mechanical standoff
   Ensures uniform illumination and a fixed working distance.

» Reliable
   The only handheld verifier that conforms to AIM DPM standards and produces compliant results to the AIM DPM Quality Guideline 2006-1 with 30 degree angle lighting.

Dataman fixed-mount verifiers
The DataMan 100 verification system provides manufacturers with a solution to verify the widest range of parts using a verifier that conforms to the ISO15426-2 verification system standards.

» flexible mounting
   Can be mounted to a fixed location or used together with the optional 10 inch X-Z adjustable stand.

» flexible lighting
   Includes adjustable 30/45 degree low angle lighting and 90 degree DOAL lighting for the widest range of parts and mark types.

» Flexible optics
   Adjustable optics enable the verification of codes with cell sizes as small as 7.5 mils to overall code sizes of 1 in. or 25 mm.

» ISO15426-2 compliance
   The DataMan 100 verification system has been tested to comply with the results of ‘Judge’ certified cards from GS1. Judge cards are tested on the 10x capable industry benchmark verifier.

» Capable
   Provides compliant results for the AIM DPM Quality Guideline 2006-1, ISO15415 and AS9132.

» Easy set up
   System includes a control box with integrated I/O, power and lighting quick connect cable.
### SPECIFICATIONS

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<thead>
<tr>
<th></th>
<th>DataMan 8600V Series</th>
<th>DataMan 100 Series</th>
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</thead>
<tbody>
<tr>
<td><strong>Standards Compliance</strong></td>
<td>AIM DPM 2006-1, Snap on Stand-Off accessory to ensure proper WD and 30 degree lighting angle relative to the code. Calibration card included.</td>
<td>AIM DPM 2006-1, ISO15415, ISO15426-2 and AS9132</td>
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<tr>
<td><strong>Data Validation</strong></td>
<td>US DoD UID Guidelines, GS1, ISO15434, ISO15418</td>
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<tr>
<td><strong>Lighting</strong></td>
<td>30 degree and Ultralight</td>
<td>30, 45 and 90 degree</td>
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<tr>
<td><strong>Code Size — Maximum</strong></td>
<td>0.5 in. or 12.5 mm</td>
<td>1 in. or 25.4 mm</td>
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<tr>
<td><strong>Code Cell Size — Minimum</strong></td>
<td>7.5 mils</td>
<td>7.5 mils</td>
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<tr>
<td><strong>Electrical</strong></td>
<td>DataMan 8600V with Serial USB: 5V – 6V DC, 5.0 W maximum LPS or NEC Class 2 power supply</td>
<td>Power supply included with DMR-100V-02</td>
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<td></td>
<td>DataMan 8600V with Ethernet: PoE Class 2 power supply DataMan 8600V with BluetoothDataMan 8600V with Wi-Fi</td>
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<td><strong>Code Verified</strong></td>
<td>2-D data matrix</td>
<td>2-D data matrix</td>
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<td><strong>Report Generation Capability</strong></td>
<td>PDF</td>
<td>PDF</td>
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<tr>
<td><strong>Imager</strong></td>
<td>1280 x 1024</td>
<td>752 x 480</td>
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<td><strong>Communications</strong></td>
<td>USB, RS-232, Ethernet, Bluetooth with intelligent Bluetooth base station, and Wi-Fi with intelligent Wi-Fi base station</td>
<td>USB</td>
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<tr>
<td><strong>Software Interface</strong></td>
<td>DataMan setup tool</td>
<td>DataMan setup tool</td>
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The DataMan 100 Verifier supports 30° and 45° (shown) and 90° (not shown) lighting angles.

The DataMan 100 Series, shown without optional stand.