Patented, feature-rich technologies live in a sleek, ergonomic design.

If you work in a 24/7, high-traffic environment, you need a reader that does the same, and then some. The CR2600 takes barcode reading to another level. This ultra-fast, durable barcode reader uses an aggressive scan engine to decode all 1D, 2D and Postal barcode symbologies. Its patented dual-field optics ensures a seamless transition from reading large to very small barcodes, while its glare-reduction technology means reading barcodes on shiny surfaces is no longer a challenge.

Its strength also lies in its sleek, lightweight form factor: The palm version of the CR2600 weighs in at a mere 4.5 oz; the handled configuration, 6.0. With the press of a button the unit’s durable quick-release, rechargeable battery cartridges accurately measure charge level and display battery life using a 4 LED fuel gauge indicator. And the charging station hosts palm and handled barcode reader configurations and is available with or without an embedded Bluetooth radio. Last but certainly not least, a disinfectant-ready housing and IP65 sealing prevents plastic degradation and securely protects electronics and optics.

If you’re looking for a reader to save you time and money, and exceed the demands of a variety of applications, your search is over.

More for Medical:

- Lightweight wireless barcode scanners in palm and handheld configurations
- PVC-Free CodeShield® plastics stand up to more disinfectants
- IP65 rating seals out dust and moisture
- Visual, audible, and haptic indicators customizable for workflow needs
- Powerful JavaScript platform for complete device control
- Compatible with Bluetooth supported Android, iOS and Windows mobile devices and tablets
- Durable, quick-release rechargeable battery cartridges
- Battery status LED indicators with fuel gauge
- Multiple programmable buttons for customized workflow processes
- Paging button assists in reader location (charging station with embedded Bluetooth radio option only)
- Reads barcodes on mobile devices
- CortexRM® Remote Management ready
- High speed, omnidirectional reading of 1D, 2D, and Postal barcodes

Applications

Features at a Glance
Physical Characteristics

**Palm Reader**
- Dimensions: 1.1" H x 5.1" L x 2.0" W (28 mm H x 130 mm L x 51 mm W)
- Weight: 4.5 oz (128 g)
- Battery Weight: 1.7 oz (48 g)

**Handle Reader**
- Dimensions: 5.3" H x 5.1" L x 2.0" W (135 mm H x 130 mm L x 51 mm W)
- Weight: 6.0 oz (170.5 g)

**Charging Station**
- Dimensions: 2.4" H x 4.5" L x 3.3" W (60 mm H x 115 mm L x 83 mm W)
- Weight: 5.4 oz (153 g)

**Charging Station without BT Radio**
- Dimensions: 4.9 oz (139 g)

**Performance Characteristics**

**Field of View**
- High Density Field: 30° horizontal by 20° vertical
- Wide Field: 50° horizontal by 33.5° vertical

**Focal Point**
- Approximately 100 mm

**Sensor**
- CMOS 1.2 Megapixel (1280 x 960) gray scale

**Optical Resolution**
- High Density Field: 960 x 640
- Wide Field: 960 x 640

**Pitch**
- ± 65° (from front to back)

**Skew**
- ± 60° from plane parallel to symbol (side-to-side)

**Rotational Tolerance**
- ± 180°

**Symbol Contrast**
- 15% minimum reflectance difference

**Target Beam**
- Single, blue targeting bar

**Ambient Light Immunity**
- Sunlight: Up to 9,000 ft-candles/96,890 lux
- Shock: Withstands multiple drops of 6' (1.8 Meters to concrete)

**Power Requirements**
- Reader @ 4.2 VDC: Typical and Peak = 362 mA; Idle = 80 mA; Sleep = 20 mA
- Charging Station with Embedded BT Radio @ 5 VDC:
  - USB max charge rate = 555 mA
  - USB trickle charge rate = 125 mA
- Charging Station without Embedded BT Radio @ 5 VDC:
  - USB max charge rate = 514 mA
  - USB trickle charge rate = 125 mA

**Number of Scans**
- Up to 50,000 scans per charge

**Memory Capacity**
- 128MB Flash ROM, 32 MB RAM

**Charging Station w/ BT Radio Communication Interfaces**
- RS232, USB 2.0 (Generic HID, HID Keyboard, Virtual COM Port)

**Reader Communication**
- Bluetooth (Class II)

**Warranty**
- www.codecorp.com/warranty

User Environment

**Operating Temperature**
- -20° to 55° C / -4° to 131° F

**Storage Temperature**
- -30° to 65° C / -22° to 150° F

**Humidity**
- 5% to 95% non-condensing

**Decode Capability**

- Stacked 1D: Codatolock F, Code 49, GS1 Composite (CC-A/CC-B/CC-C), MicroPDF, PDF417

- 2D: Aztec Code, Data Matrix, Data Matrix Rectangular Extension, Grid Matrix, Han Xin, Maxicode, Micro QR Code, QR Code, QR Model 1

- Proprietary 2D: GoCode® (Optional License Required)

- Postal Codes: Australian Post, Canada Post, Intelligent Mail, Japan Post, KIX Code, Korea Post, Post-Net, Planet, UK Royal Mail, UPU ID-tags

**Image Output Options**
- Formats: JPEG or PGM

**Field Selection**
- High Density or Wide Field

**Advanced Data Editing**
- JavaScript

**Time Stamp**
- Interval Logging

**Typical Working Ranges**

<table>
<thead>
<tr>
<th>Test Barcode</th>
<th>Min Inches (mm)</th>
<th>Max Inches (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 mil Code 39</td>
<td>3.1&quot; (80 mm)</td>
<td>4.0&quot; (102 mm)</td>
</tr>
<tr>
<td>7.5 mil Code 39</td>
<td>1.3&quot; (33 mm)</td>
<td>7.2&quot; (182 mm)</td>
</tr>
<tr>
<td>10.5 mil GS1 DataBar</td>
<td>0.8&quot; (20 mm)</td>
<td>8.7&quot; (220 mm)</td>
</tr>
<tr>
<td>13 mil Code 128</td>
<td>1.1&quot; (28 mm)</td>
<td>11.0&quot; (280 mm)</td>
</tr>
<tr>
<td>5 mil Data Matrix</td>
<td>1.7&quot; (43 mm)</td>
<td>4.5&quot; (115 mm)</td>
</tr>
<tr>
<td>6.3 mil Data Matrix</td>
<td>1.3&quot; (33 mm)</td>
<td>5.9&quot; (150 mm)</td>
</tr>
<tr>
<td>10 mil Data Matrix</td>
<td>0.8&quot; (20 mm)</td>
<td>7.1&quot; (180 mm)</td>
</tr>
<tr>
<td>20.8 mil Data Matrix</td>
<td>1.1&quot; (28 mm)</td>
<td>13.5&quot; (343 mm)</td>
</tr>
</tbody>
</table>

Note: Working ranges are a combination of both the wide and high density fields. All samples were high quality barcodes and were read along a physical center line at a 10° angle. Default automatic gain control settings were used. Accuracy= +/- 10%.

For more info or to order, contact a Howard Representative at the number below.

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