A mobile reader with the best of both worlds.

The Code Reader™ 3600 (CR3600) is the latest addition to Code’s advanced product line. This sleek, wireless scanner has a color screen and keypad that allows users to manually enter data in real time. The screen provides a mobile solution for users who need instant visibility to scanned information—from detailed inventory applications to event sales and management, the device handles every type of mobile barcode need.

Multiple scenarios. One reader.

CR3600 has the ability to take on more than one workflow operation at a time. A variety of applications can be created and loaded onto the reader and can be accessed with a simple touch of a button. With a single scan of a barcode users can also direct the same data set to multiple applications. These features streamline workflow processes and ultimately lower costs by reducing the need to rely on numerous scanning devices.

For ease of customization and integration, a JavaScript license is included with each device, as well as multiple applications pre-installed with source code available for download from the Code website.

The CR3600 enables businesses in mobile markets to effectively record work orders, track inventory and invoices, and immediately read data for verifications. This combination of Bluetooth functionality and high-performance barcode reading capabilities makes the CR3600 an advanced barcode reading solution.

Features & Benefits

- Bright color display screen
- Lightweight models in palm and handled configurations
- Durable, quick-release rechargeable battery cartridges
- Battery status LED indicators with fuel gauge
- User feedback with vibration, audible tones and LED
- High speed, omnidirectional reading of 1D, 2D and Postal barcodes
- Multiple programmable buttons for customized work flow processes
- IP54 housing securely protects electronics and optics
- Paging button assists in reader location (charging station with embedded CodeXML® modem option only)
- Reads barcodes on mobile devices
- CortexRM™ Remote Management ready
- Powerful data management capability with JavaScript

Applications

Public safety, event management, retail, warehouse, inventory control, shipping/receiving, age verification

Features at a glance

- EDM
- 1D
- 2D
- PDF
- POSTNL
- Cinema
- 1D
- 2D
- PDF
- POSTNL
- Cinema

*USB and RS232 communication modes are available via CodeXML Modems.
Physical Characteristics

Palm Reader Dimensions 1.4” H x 5.1” L x 2.0” W (36mm H x 130mm L x 51mm W)
Handle Reader Dimensions 5.6” H x 5.1” L x 2.0” W (142mm H x 130mm L x 51mm W)
Charging Station Dimensions 2.4” H x 4.5” L x 3.3” W (60mm H x 115mm L x 83mm W)
Palm Reader Weight 5.5 oz (155.9 g)
Handle Reader Weight 6.9 oz (195.6 g)
Battery Weight 1.7 oz (48 g)
Charging Station with Embedded Modem Weight 4.3 oz (121.9 g)
Charging Station without Embedded Modem Weight 3.8 oz (107.7 g)
LCD Active Area Dimensions 1.04” H x 1” W (26.5mm H x 25.5mm W)

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

Stacked 1D: Codablock 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® (Additional License Required)
Postal Codes: Australian Post, Canada Post, Intelligent Mail, Japan Post, KIX Code, Korea Post, Planet, Post¬net, UK Royal Mail, UPU ID-tags

Image Output Options Formats: JPEG or PGM
Field Selection High Density or Wide Field
Time Stamp Real-Time Stamp
Data Editing JavaScript / CodeXML® Rules

Working Ranges

CR3600 Performance

<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” (80 mm)</td>
<td>4.0” (102 mm)</td>
</tr>
<tr>
<td>7.5 mil Code 39</td>
<td>1.3” (33 mm)</td>
<td>7.2” (182 mm)</td>
</tr>
<tr>
<td>10.5 mil GS1 DataBar</td>
<td>0.8” (20 mm)</td>
<td>8.7” (220 mm)</td>
</tr>
<tr>
<td>13 mil UPC</td>
<td>1.1” (28 mm)</td>
<td>11.0” (280 mm)</td>
</tr>
<tr>
<td>5 mil DM</td>
<td>1.7” (43 mm)</td>
<td>4.5” (115 mm)</td>
</tr>
<tr>
<td>6.3 mil DM</td>
<td>1.3” (33 mm)</td>
<td>5.9” (150 mm)</td>
</tr>
<tr>
<td>10 mil DM</td>
<td>0.8” (20 mm)</td>
<td>7.1” (180 mm)</td>
</tr>
<tr>
<td>20.8 mil DM</td>
<td>1.1” (28 mm)</td>
<td>13.5” (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 AGC settings were used. Accuracy= +/- 10%.

Performance Characteristics

Field of View High Density Field: 30° horizontal by 20° vertical
Wide Field: 50° horizontal by 15.5° 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
Display Resolution 128 x 128 (RGB)
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 9,000ft-candles/96,890 lux
Shock Withstands multiple drops of 6’ (1.8 Meters) to concrete

Power Requirements Reader @ 4.2vdc (mA): Typical = 179 mA; Peak = 331 mA; Idle = 101 mA; Sleep = 25 mA
Charging Station with Embedded CodeXML® Modem:
USB max charge rate = 542 mA
USB trickle charge rate = 123 mA
Charging Station with External CodeXML® M3 Modem:
USB max charge rate = 495 mA
USB trickle charge rate = 121 mA

Number of Scans Up to 30,000 scans per charge
Memory Capacity 128MB Flash ROM, 32MB RAM
Bluetooth Modem RS232, USB 2.0 (Generic HID, HID Keyboard, Virtual COM Port)
Communication Interfaces Bluetooth (Class II)
Operational Mode

Warranty www.codecorp.com/warranty

Accessories

- Lithium-Ion Battery
- Charging Station
- Charging Station with Embedded CodeXML® Modem
- CodeXML® M3 Modem (external)
- CodeXML® Router Software
- USB Charging Cable, US, Europe/South America, UK Power Supplies
- Various Cable Options Available. Visit www.codecorp.com/cables.php for a list of compatible cables
- Software Development Kits

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

HOWARD TECHNOLOGY

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