Flexibility at its Finest.

The Code Reader™ 3600 (CR3600) features Direct Part Mark (DPM) reading capabilities, packing numerous features into its compact design. This sleek, wireless barcode reader 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 of scanned data. A reader that scans 1D, 2D, Postal and even Direct Part Mark (DPM) barcodes, is a reader that provides limitless possibilities.

Multiple scenarios. One reader.

CR3600 DPM 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 DPM can support inventory and quality control from the workers on the line, to tracking parts on shelves to assembly to audits. Multiple applications loaded on the device will support the specific needs of various business functions. The CR3600 DPM can track parts from shelf to assembly to audit, helping create a closed loop system of quality.

Applications

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

Features at a glance

- 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, Postal and Direct Part Mark barcodes
- Multiple programmable buttons for customized workflow 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

Palm configuration with charging station.
### 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)

**IP Rating**  
54

### 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 1D:**  
Codabar, Code 11, Code 32, Code 39, Code 93, Code 128, IATA 2 of 5, Interleaved 2 of 5, GS1 DataBar (RSS), Hong Kong 2 of 5, Matrix 2 of 5, MSI Plessey, NEC 2 of 5, Pharmacode, Plessey, Straight 2 of 5, Telepen, Trioptic, UPC/EAN/JAN

**Stacked 1D:**  
Codablock F, MicroPDF, PDF417, GS1 Composite (CC-A/CC-B/CC-C)

**2D:**  
Aztec Code, Data Matrix, Han Xin, MaxiCode, Micro QR, QR Code

**Proprietary 2D:** GoCode® (Additional License Required)

**Postal Codes:**  
Australian Post, Intelligent Mail, Japan Post, KIX Code, Kona Post, Planet, Postnet, UK Royal Mail, UPU ID-tags

**Direct Part Marks:** Barcodes applied by laser etching, chemical etching, or inkjet. Data Matrix marks that are dot peened can also be read

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

**Field Selection**  
High Density or Wide Field

**Time Stamp**  
Real-Time Stamp

**Data Editing**  
JavaScript / CodeXML® Rules

### Performance Characteristics

**Field of View**  
High Density Field: 30° horizontal by 20° vertical  
Wide Field: 50° horizontal by 35.5° 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**  
± 60° (from front to back)

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

**Rotational Tolerance**  
± 180°

**Print Contrast**  
25% (1D symbologies) or 35% (2D symbologies) absolute dark/light reflectance differential, measured at 650 nm

**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 = 157 mA

Charging Station with External CodeXML® M3 Modem:  
USB max charge rate = 495 mA  
USB trickle charge rate = 123 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**  
Blutooth (Class II)

**Warranty**  
2 Years; extended service plan available

### Accessories

- Lithium-Ion Battery
- Charging Station
- Charging Station with Embedded CodeXML® Modem
- CodeXML® M3 Modem (external)
- 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.

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