

# CODE READER™ 2600 BLUETOOTH

## Features & Benefits

- 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
- Compatible with Bluetooth supported Android, iOS, and Windows mobile devices and tablets
- Multiple programmable buttons for customized work flow processes
- Disinfectant-ready IP65 housing prevents plastic degradation and 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.*

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.

The next generation of barcode readers is here.

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 CodeXML® Bluetooth modem. 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.

## Applications

Healthcare, manufacturing, retail, warehouse, scanning highly reflective barcodes

## Features at a Glance



# CODE READER™ 2600 SPECIFICATIONS

## Physical Characteristics

|                                                       |                                                       |
|-------------------------------------------------------|-------------------------------------------------------|
| <b>Palm Reader Dimensions</b>                         | 1.1" H x 5.1" L x 2.0" W (28mm H x 130mm L x 51mm W)  |
| <b>Handle Reader Dimensions</b>                       | 5.3" H x 5.1" L x 2.0" W (135mm H x 130mm L x 51mm W) |
| <b>Charging Station Dimensions</b>                    | 2.4" H x 4.5" L x 3.3" W (60mm H x 115mm L x 83mm W)  |
| <b>Palm Reader Weight</b>                             | 4.5 oz (128 g)                                        |
| <b>Handle Reader Weight</b>                           | 6.0 oz (170.5 g)                                      |
| <b>Battery Weight</b>                                 | 1.7 oz (48 g)                                         |
| <b>Charging Station with Embedded Modem Weight</b>    | 5.4 oz (153 g)                                        |
| <b>Charging Station without Embedded Modem Weight</b> | 4.9 oz (139 g)                                        |
| <b>IP Rating</b>                                      | 65                                                    |

## User Environment

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating Temperature</b> | -20° to 55° C / -4° to 131° F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Storage Temperature</b>   | -30° to 65° C / -22° to 150° F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Humidity</b>              | 5% to 95% non-condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Decode Capability</b>     | <b>1D:</b> 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<br><b>Stacked 1D:</b> GS1 Composite (CC-A/CC-B/CC-C), MicroPDF, PDF417<br><b>2D:</b> Aztec Code, Code 49, Codablock F, Data Matrix, Han Xin, MaxiCode, Micro QR, QR Code<br><b>Proprietary 2D:</b> GoCode® (Additional License Required)<br><b>Postal Codes:</b> Australian Post, Intelligent Mail, Japan Post, KIX Code, Korea Post, Planet, Postnet, UK Royal Mail, UPU ID-tags |
| <b>Image Output Options</b>  | Formats: JPEG or PGM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Field Selection</b>       | High Density or Wide Field                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Time Stamp</b>            | Interval Logging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Data Editing</b>          | JavaScript                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Working Ranges

CR2600 Performance

| Test Barcode         | Min Inches (mm) | Max Inches (mm) |
|----------------------|-----------------|-----------------|
| 3 mil Code 39        | 3.1" (80 mm)    | 4.0" (102 mm)   |
| 7.5 mil Code 39      | 1.3" (33 mm)    | 7.2" (182 mm)   |
| 10.5 mil GS1 DataBar | 0.8" (20 mm)    | 8.7" (220 mm)   |
| 13 mil UPC           | 1.1" (28 mm)    | 11.0" (280 mm)  |
| 5 mil DM             | 1.7" (43 mm)    | 4.5" (115 mm)   |
| 6.3 mil DM           | 1.3" (33 mm)    | 5.9" (150 mm)   |
| 10 mil DM            | 0.8" (20 mm)    | 7.1" (180 mm)   |
| 20.8 mil DM          | 1.1" (28 mm)    | 13.5" (343 mm)  |

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

|                                                 |                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Field of View</b>                            | High Density Field: 30° horizontal by 20° vertical<br>Wide Field: 50° horizontal by 33.5° vertical                                                                                                                                                                                                                                                     |
| <b>Focal Point</b>                              | Approximately 100 mm                                                                                                                                                                                                                                                                                                                                   |
| <b>Sensor</b>                                   | CMOS 1.2 Megapixel (1280 x 960) gray scale                                                                                                                                                                                                                                                                                                             |
| <b>Optical Resolution</b>                       | High Density Field: 960 x 640<br>Wide Field: 960 x 640                                                                                                                                                                                                                                                                                                 |
| <b>Pitch</b>                                    | ± 60° (from front to back)                                                                                                                                                                                                                                                                                                                             |
| <b>Skew</b>                                     | ± 60° from plane parallel to symbol (side-to-side)                                                                                                                                                                                                                                                                                                     |
| <b>Rotational Tolerance</b>                     | ± 180°                                                                                                                                                                                                                                                                                                                                                 |
| <b>Print Contrast</b>                           | 25% absolute dark/light reflectance differential, measured at 650 nm                                                                                                                                                                                                                                                                                   |
| <b>Target Beam</b>                              | Single, blue targeting bar                                                                                                                                                                                                                                                                                                                             |
| <b>Ambient Light Immunity</b>                   | Sunlight: Up to 9,000ft-candles/96,890 lux                                                                                                                                                                                                                                                                                                             |
| <b>Shock</b>                                    | Withstands multiple drops of 6' (1.8 Meters) to concrete                                                                                                                                                                                                                                                                                               |
| <b>Power Requirements</b>                       | Reader @ 4.2vdc (mA): Typical and Peak = 362 mA;<br>Idle = 80 mA; Sleep = 20 mA<br>Charging Station with Embedded CodeXML® Modem @ 5vdc (mA):<br>USB max charge rate = 555 mA<br>USB trickle charge rate = 165 mA<br>Charging Station with External CodeXML® M3 Modem @ 5vdc (mA):<br>USB max charge rate = 514 mA<br>USB trickle charge rate = 125 mA |
| <b>Number of Scans</b>                          | Up to 50,000 scans per charge                                                                                                                                                                                                                                                                                                                          |
| <b>Memory Capacity</b>                          | 128MB Flash ROM, 32MB RAM                                                                                                                                                                                                                                                                                                                              |
| <b>Bluetooth Modem Communication Interfaces</b> | RS232, USB 2.0 (Generic HID, HID Keyboard, Virtual COM Port)                                                                                                                                                                                                                                                                                           |
| <b>Reader Communication Interfaces</b>          | Bluetooth (Class II)                                                                                                                                                                                                                                                                                                                                   |
| <b>Warranty*</b>                                | 3 years                                                                                                                                                                                                                                                                                                                                                |

## Accessories

- Battery Cartridge
- 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
- USB and RS232 Cables (External CodeXML® M3 Modem)



**code**®  
ADVANCED BARCODE READERS

Web: [www.codecorp.com](http://www.codecorp.com)

\* Warranty period is specific to North America and EMEA.