

CODE READER™ 2600 BLUETOOTH



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.

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.

Applications

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

Features at a Glance



CODE READER™ 2600 SPECIFICATIONS

Physical Characteristics

Palm Reader Dimensions	1.1" H x 5.1" L x 2.0" W (28mm H x 130mm L x 51mm W)
Handle Reader Dimensions	5.3" H x 5.1" L x 2.0" W (135mm 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	4.5 oz (128 g)
Handle Reader Weight	6.0 oz (170.5 g)
Battery Weight	1.7 oz (48 g)
Charging Station with Embedded Modem Weight	5.4 oz (153 g)
Charging Station without Embedded Modem Weight	4.9 oz (139 g)
IP Rating	65

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	<p>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</p> <p>Stacked 1D: GS1 Composite (CC-A/CC-B/CC-C), MicroPDF, PDF417</p> <p>2D: Aztec Code, Code 49, Codablock F, Data Matrix, Han Xin, MaxiCode, Micro QR, QR Code</p> <p>Proprietary 2D: GoCode® (Additional License Required)</p> <p>Postal Codes: Australian Post, Intelligent Mail, Japan Post, KIX Code, Korea Post, Planet, Postnet, UK Royal Mail, UPU ID-tags</p>
Image Output Options	Formats: JPEG or PGM
Field Selection	High Density or Wide Field
Time Stamp	Interval Logging
Data Editing	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

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	± 60° (from front to back)
Skew	± 60° from plane parallel to symbol (side-to-side)
Rotational Tolerance	± 180°
Print Contrast	25% 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 and Peak = 362 mA; Idle = 80 mA; Sleep = 20 mA Charging Station with Embedded CodeXML® Modem @ 5vdc (mA): USB max charge rate = 555 mA USB trickle charge rate = 165 mA Charging Station with External CodeXML® M3 Modem @ 5vdc (mA): 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, 32MB RAM
Bluetooth Modem Communication Interfaces	RS232, USB.2.0 (Generic HID, HID Keyboard, Virtual COM Port)
Reader Communication Interfaces	Bluetooth (Class II)
Warranty*	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)



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ADVANCED BARCODE READERS

Web: www.codecorp.com

* Warranty period is specific to North America and EMEA.