CODE READER™ 2600

Revolutionizing Data Capture in Healthcare

code ®

Expect More.

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

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.

Applications

Features at a Glance

| IMAGER | 1D | 2D | PDF | POSTAL | CortexRM™ | JAVASCRIPT | USB | RS232 | BLUETOOTH | MEMORY | | CODESHIELD |

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)
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)
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)
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 BT Radio Weight	5.4 oz (153 g)
Charging Station without BT Radio 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	1D: BC412, Codabar, Code 11, Code 32, Code 39, Code 93, Code 128, IATA 2 of 5, Interleaved 2 of 5, GS1 DataBar, 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, 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, Itelligent 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

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 Code 128	1.1" (28 mm)	11.0" (280 mm)
5 mil Data Matrix	1.7" (43 mm)	4.5" (115 mm)
6.3 mil Data Matrix	1.3" (33 mm)	5.9" (150 mm)
10 mil Data Matrix	0.8" (20 mm)	7.1" (180 mm)
20.8 mil Data Matrix	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 automatic gain control 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	± 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 @ 4.2 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

Accessories

- Battery Cartridge
- Charging Station
- Charging Station with Embedded BT Module
- CodeXML® M3 BT Module (External)
- CodeXML® M3 Router Software
- USB Charging Cable, US, Europe/South America, UK Power Supplies
- USB and RS232 Cables (External CodeXML® M3 BT Module)

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

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