CODE READER™ 950

Revolutionizing Data Capture in Retail

code®

Expect More.

More for Retail:

- *High-speed, omnidirectional reading of 1D and 2D barcode symbologies*

- *Manual or automatic triggering*

- *User feedback with LED and audible tone*

- *All-inclusive kits include reader, cable and stand*

- *Reads barcodes on mobile device screens*

- *Customizable Driver License parsing*

- *Compatible with Code's rapid disconnect USB and RS232 Affinity® cables*

- *Efficient power consumption*

CR950 with Stand

Purpose Built for Retail

The CR950 is an aggressive barcode reader that rapidly decodes 1D and 2D barcodes. Its lightweight, ergonomic design makes it comfortable to use over long shifts, and unmatched durability makes it an investment that will last.

This easy-to-use, durable barcode reader outperforms single-line laser scanners and linear imagers with full omnidirectional barcode reading. Combined with its programming versatility, the CR950 quickly and reliably transmits barcoded data into any enterprise solution.

Driver license parsing applications speed up in-store credit applications and loyalty form processes, while reliable barcode reading from mobile device screens maximizes its productivity in retail environments.

The CR950 thrives in fast-paced environments, and will seamlessly transition from in-stand to out-of-stand reading. For increased efficiency users can select motion detection barcode reading mode. A fast, flexible device, the CR950 is an unbeatable addition to your retail operation.

Applications

Features at a Glance

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

Physical Characteristics

Nominal Dimensions	5.5" H x 2.75" L x 2.0" W (140 mm H x 70 mm L x 50 mm W)
Nominal Weight	3.9 oz (110 g)
Color	Dark gray
IP Rating	54

User Environment

Operating Temperature	-20° to 50° C / -4° to 122° 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, Plessey, Straight 2 of 5, Telepen, Trioptic, UPC/EAN/JAN
	Stacked 1D: GS1 Composite (CC-A/CC-B/CC-C), MicroPDF, PDF417
	2D: Aztec Code, Data Matrix, Data Matrix Rectangular Extension, Micro QR Code, QR Code, QR Model 1
	Proprietary 2D: GoCode® (Optional License Required)
Image Output Options	Formats: JPG or PGM

Typical Working Ranges

Test Barcode	Min Inches (mm)	Max Inches (mm)
7.5 mil Code 39	2.0" (50 mm)	9.6"(245 mm)
10.5 mil GS1 DataBar	1.4" (35 mm)	8.9" (225 mm)
13 mil UPC	1.6" (40 mm)	14.6" (370 mm)
5.8 mil PDF417	3.3" (85 mm)	6.1" (155 mm)
6.7 mil PDF417	2.6" (65 mm)	6.9" (175 mm)
5 mil Data Matrix	3.0" (75 mm)	3.5" (90 mm)
6.3 mil Data Matrix	2.8" (70 mm)	5.3" (135 mm)
10 mil Data Matrix	2.0" (50 mm)	8.1" (205 mm)
20.8 mil Data Matrix	1.2" (30 mm)	15.7" (400 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 with regular office lighting. Accuracy= +/- 10%. Test conditions may affect working ranges.

Performance Characteristics

Field of View	51° horizontal by 39.4° vertical
Focal Point	Approximately 130 mm
Sensor	CMOS 1.2 Megapixel monochrome
Optical Resolution	1280 x 960
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 @ 5vdc (mA): Typical = less than 300 mA; Idle = less than 1 mA
Communication Interfaces	RS232, USB 2.0 (Generic HID, HID Keyboard, Virtual COM Port)
Warranty	www.codecorp.com/warranty

Accessories

- Various Cable Options Available. Visit www.codecorp.com/cables.php for a list of compatible cables

- Stand

Expect More.

code

codecorp.com