code
ADVANCED BARCODE READERS

CODE READER™ 1000



Compact, efficient and powerful, this is advanced technology at a maximum value.

Weighing in at just 2.4 oz, capable of withstanding multiple drops from 6 feet and able to work at 131° F, the simple and intuitive CR1000 could be the toughest featherweight you'll ever meet. It quickly and reliably decodes 1D, 2D and Postal barcodes from any surface type. Featuring Code's Affinity® rapid disconnect cable set, you can count on durable connectivity between reader and host device, with the ability to quickly remove and replace damaged cables. For data editing and parsing, end users can leverage its JavaScript platform to create custom routines and applications that are easily embedded into the reader.

Advanced data management and excellent versatility.

In retail applications, the CR1000 excels in and can be combined with various peripherals for a truly unique point-of-sale solution. From mobile devices like workstations-on-wheels, tablet PCs or environmentally conscious kiosk operators, the CR1000 works on a large scale in a limited workspace.

For intuitive, lightning fast performance that won't drain your battery or your budget, choose the CR1000.

Features & Benefits

- High speed, omnidirectional reading of 1D, 2D and Postal barcodes
- Manual or automatic triggering
- Bright LED indicator and loud, programmable tone indicator
- Reads barcodes on mobile devices
- Compatible with Code's CortexTools™ software configuration utility
- Data editing and parsing with JavaScript
- Uses Code's rapid disconnect Affinity® cables
- Extremely efficient power consumption (lowest in its class)
- Optional stand
- Disinfectant-ready IP54 housing
- Available in light and dark gray

Applications

Healthcare, mobile coupon and ticketing, pharmacy, patrol vehicles, ATMs and kiosks, retail, and manufacturing

Features at a glance



CODE READER™ 1000 SPECIFICATIONS

Physical Characteristics

CR1000 Dimensions	1.7" H x 2.6" L x 2.2" W (30 mm H x 67 mm L x 52 mm W)
CR1000 Weight	2.4 oz (68 g)
Color Options	Available in light or dark gray
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, Korea Post, Planet, Postnet, UK Royal Mail, UPU ID-tags
Image Output Options	Formats: JPEG or PGM
Field Selection	High Density or Wide Field
Data Editing	JavaScript (Additional License Required)

Working Ranges

CR1000 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	High Density Field: approximately 100 mm Wide Field: approximately 115 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% (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 @ 5vdc (mA): Typical = less than 450 mA; Idle = less than 80 mA; Sleep = less than 31 mA
Memory Capacity	128MB Flash ROM, 32MB RAM
Communication Interfaces	RS232, USB 2.0 (Generic HID, HID Keyboard, Virtual Com Port)
Warranty	2 year standard warranty; extended service plan available

Accessories

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

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Phone: +1-801-495-2200
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Solutions for Automatic Identification, Barcodes and Mobility

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About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

Reasons to work with us

Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the befenits and advantages we create for you and your company.

The best brands. We offer products from the best manufacturers worldwide.

Expert technical support team. Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

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Solutions for: Industry • Consumer • Mobility Transportation and Logistics • Retail • Health



Label printers



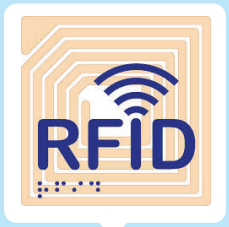
Barcode readers



Data terminals & PDA



PVC card printers



RFID



Consumables
(labels, ribbons, PVC cards)

All Brands Technical Service

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