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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

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Custom engineering
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- Critical and expedited services
- In stock / Ready-to-ship
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Expert team | Trust guarantee | 100% satisfaction

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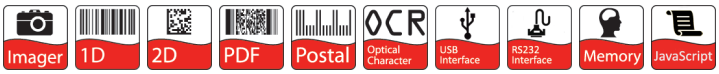
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Code Reader 1000™



Features & Benefits

- High speed, omnidirectional reading of 1D, 2D, Postal bar codes and OCR
- Dual field optics, both high density and wide field in the same unit
- Glare reduction technology for reading codes on shiny surfaces
- Manual or automatic triggering
- Bright, LED indicators and loud, programmable audible tone indicator
- Reads bar code reliably off cell phone screens
- Compatible with Code's Cortex™ software configuration utility
- Data editing and parsing with JavaScript
- Uses Code's new rapid disconnect Affinity™ cables
- Extremely low power consumption
- Disinfectant ready housing



Overview

The Code Reader 1000™ (CR1000) features a compact design that takes up limited workspace without compromising bar code reading performance. The patented dual-field optical platform of the CR1000, allows users to scan both wide bar codes and very small bar codes with the same device. In addition, the CR1000 features Code's glare reduction technology for scanning bar codes printed on shiny surfaces, such as bottles, syringes and IV bags. This patented glare reduction technology allows the CR1000 to be configured to read bar codes shown on mobile phones in such applications as mobile ticketing and mobile coupons.

The bright blue aiming bar of the CR1000 makes reading bar codes simple and intuitive. In addition, the reader features Code's new Affinity rapid disconnect cable set which offer durable connectivity to both the reader and the host device without compromising the ability to quickly remove and replace damaged cables. For data editing and parsing, end users can take advantage of Code's JavaScript rules to create custom routines and applications that are easily embedded into the reader.

The unique design of the reader gives System Integrators and Value Added Resellers the flexibility to use the CR1000 in a wide range of applications. For retail applications, the CR1000 can be used in either hands-free or handheld mode and can be combined various peripherals for a truly unique point-of-sale solutions. With environmentally friendly power management, the CR1000 boasts the lowest power consumption for a product in its class. Whether its mobile devices such as workstations-on-wheels, tablet PCs or environmentally conscious kiosk operators, the CR1000 power consumption won't drain your battery or your pocketbook.

Applications for the CR1000 include: Healthcare, Mobile coupon or ticketing (event, airline, cinema, etc), Pharmacy, Patrol Vehicles, ATMs or Kiosks, Retail, and Manufacturing

Code Reader 1000™ Specifications

Physical Characteristics

CR1000 Dimensions:	2.6" L x 2.2" W x 1.7" H (67 mm L x 52 mm W x 30 mm H)
CR1000 Weight	2.4 oz
IP Rating	54

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 Res.:	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)
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:	Full RS232, USB (full speed)

Accessories

- 6ft. Straight USB Affinity Cable
- 8ft. Coiled RS232 Affinity Cable

User Environment

Operating Temperature:	0° to 50° C / 32° to 122° F
Storage Temperature:	-20° to 65° C /- 4° to 150° F
Humidity:	5% to 95% non-condensing
Decode Capability:	**1D:** UPC/EAN/JAN, Code 39, Code 128, Interleaved 2 of 5, Codabar, GS1 DataBar (RSS), MSI Plessey, Code 11, Code 93, NEC 2 of 5, Matrix 2 of 5, Trioptic Code, Telepen, Hong Kong 2 of 5, Pharmacode
	Stacked 1D: PDF417, Micro PDF417, Codablock A & F, Composite Codes
	2D: Data Matrix, QR Code, Micro QR Code, Aztec Code, Maxicode
	Proprietary 2D: GoCode® (Additional License Required)
	Postal: USPS OneCode (4CB), POSTNET, PLANET, Japanese Post, Australian Post, Royal Mail, KIX Code
	OCR: OCR-A and OCR-B Fonts, Passports
Image Output Options:	Formats: Bitmap or JPEG
Field Selection:	High-Density or Wide Field
Data Editing:	JavaScript (Additional License Required)

Working Ranges

CR1000 Performance		
Test Code	Min Inches (mm)	Max Inches (mm)
3 mil Code 39	3.9" (100 mm)	5.0" (125 mm)
7.5 mil Code 39	2.2" (55 mm)	8.0" (205 mm)
13 mil UPC	2.0" (50 mm)	10.8" (275 mm)
4.2 mil Data Matrix	3.7" (95 mm)	4.7" (120 mm)
5 mil Data Matrix	3.7" (95 mm)	5.5" (140 mm)
6.3 mil Data Matrix	3.1" (80 mm)	6.3" (160 mm)
10 mil Data Matrix	1.6" (40 mm)	7.9" (200 mm)
20.8 mil Data Matrix	1.6" (40 mm)	12.2" (310 mm)

Note: working ranges are a combination of both the wide and high density fields. All samples were high quality codes and were read along a physical center line at a 10° angle. Default AGC settings were used. Accuracy= +/- 10%.

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

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