

Code Barcode Readers

Code Reader™ 1000

The Code Reader™ 1000 (CR1000) is a compact, cabled barcode reader that takes up limited workspace without compromising barcode reading performance. The patented dual field optical platform of the CR1000 allows users to quickly scan both wide 1D barcodes and small dense 2D barcodes.

Users can operate the CR1000 handheld or in-stand presentation mode, and for increased efficiency users can select continuous scan or motion detection barcode reading. For fixed mount and OEM applications, the CR1000 features threaded brass inserts for easy installation.

Featuring high speed, omnidirectional barcode reading, extremely low power consumption and manual or automatic triggering, the CR1000 is the ideal barcode reader for high use environments and excels in reading mobile coupons, ticketing and kiosk applications.

CR1000 Features and Benefits:

- High speed, omnidirectional reading of 1D, 2D and postal barcodes
- Dual field optics for reading both high density and wide field barcodes
- Glare reduction technology for reading barcodes on shiny surfaces
- Manual or automatic triggering
- Bright, LED indicators and loud, programmable audible tone indicator
- Reads barcodes reliably off cell phone screens
- Compatible with Code's CortexTools® software configuration utility
- Data editing and parsing with JavaScript
- Uses Code's rapid disconnect USB or RS232 Affinity® cables
- Extremely low power consumption



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 100mm
Wide Field: Approximately 115mm

Sensor: CMOS1.2 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 plate parallel to sysbol (side by side)

Rotation tolerance: +/- 180*

Print Contrast: 25% absolute dark/light reflectance differential, measured at 650mm

Target beam: Single, Blue targeting bar

Ambient light immunity: Sunlight: up to 9000ft-candles / 96,890 lux

Shock: Withstands multiple drops of 1.8 metres to concrete

Power Requirements: Reader @ 5vdc (mA): Typical = less than 450 mA; Idle= less than 80mA; Sleep = less than 31mA

Memory: 128MB Flash ROM, 32MB RAM

Communications interfaces: RS232, USB 2.0 (Generic HID, HID Keyboard, Virtual Com Port)

Warranty: 2 Years

Physical Characteristics

Dimensions: 30 mm H x 657mm L x 52mm W

Weight: 68 grams

Colour options: Light or Dark Gray

IP Rating: 54

User Environment:

Operating Temperature: -20' to 55' C

Storage Temperature: - 30' to 65' C

Humidity: 5% to 95% non-condensing

Decode Capability: 1D, Stacked 1D, 2D, Postal Codes and

Proprietary 2D

Data Editing: JavaScript

Image output options formats: Jpeg or PGM

Field Selection: High Density or Wide Field

Accessories:

Various cable options available

Mounting Stand



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