

Code Barcode Readers

Code Reader™ 1000 XHD

Ideal for applications and environments where space-saving is critical, the CR1000 XHD takes up limited workspace without compromising barcode reading performance.

This lightweight, compact reader features a built-in macro lens and enhanced optical firmware platform to create an extreme high density field, ensuring that the CR1000 XHD will excel in reading 1D, 2D and laser-etched marks as small as 2mil.

Users can operate the CR1000 XHD in 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 XHD features threaded brass inserts for easy installation.

CR1000 XHD Features and Benefits:

- High speed, omnidirectional reading of 1D, 2D and laser-etched barcodes
- Extreme high density field for reading barcodes as small as 2mil.
- Glare reduction technology for reading barcodes on shiny and mirrored surfaces
- Manual, motion detection and continuous scan barcode reading modes
- LED and programmable audible good read user feedback
- Reads barcodes reliably off PCs and mobile device screens
- Editing and parsing scanned data versatility with JavaScript
- For use with Code's USB or RS232 Affinity® cables
- Extremely low power consumption
- Compatible with Code's CortexTools® software configuration utility

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 symbol (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, Proprietary 2D and barcodes applied by laser-etching

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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