

Code Barcode Scanners

Code Reader CR1400XHD

Ideal for enabling manufacturing efficiencies and improving productivity, the CR1400 XHD features a built-in macro lens and enhanced optical firmware platform to increase first-pass read rates of 1D, 2D barcodes and laser-etched marks as small as 2mil.

The programming versatility of the CR1400 XHD allows it decode and parse barcoded data for seamless integration into software applications throughout the entire manufacturing process and in the most challenging of environments.

This easy-to-use, lightweight and durable barcode reader is built to survive a variety of conditions. From multiple drops to concrete to harsh cleaning agents, it's a tool you can rely on.

CR1400 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
- Level 2 disinfectant-ready, IP54 housing
- Available in light or dark gray
- CodeOne extended warranty service plans
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Performance characteristics

Field of View:

High Density field: 30' horizontal by 20' vertical
Wide Field: 50' horizontal by 33.5' vertical

Focal point: Approximately 100mm from barcode

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 then 80mA; Sleep = less then 31mA

Memory: 128MB Flash ROM, 32MB RAM

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

Warranty: 5 Years

Physical Characteristics

Dimensions: 140mm H x 70mm L x 50mm W

Weight: 110 grams

Colour options: Light 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 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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ABN: 37 000 459 174

Suppliers of quality products to the Healthcare Industry est 1889. Australian Owned & Operated.

DB Health Product Overview

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