

## PRODUCT SPECIFICATIONS

# DMXScan



## DMXScan

### LINEAR SCANNER FEATURES:

- On-line scanning for bar code readability
- Fully integrated into printer design
- Fast, reliable, and rugged
- Cost effective alternative to bar code verifiers
- Helps eliminate compliance charge-backs

- H-Class
- I-Class

The Datamax DMXScan is an affordable, rugged, and effective alternative to the high cost and complication of a traditional online or handheld bar code verifier for your H-Class or I-Class printer.

Today, it is common to affix a certain type of label to outbound customer shipments, i.e., compliance labeling. High-profile compliance label mandates are common in the automotive, retail, aerospace and defense industries, now many other industries are introducing labeling initiatives because of the cost savings that can be achieved through automated data capture. An efficient supply chain process depends on reliable bar codes. DMXScan is the perfect solution to ensure that, on every label, the bar codes are readable.

DMXScan uses fast charge-coupled device (CCD) scan engine technology to ensure that your printed bar codes are readable. As labels pass under the fixed-position head, they are scanned at a rate of up to 700 times per second. The received signals of light are then converted electrically and digitized. This captured information is compared to the appropriate internal algorithm via a 32-bit microprocessor and analyzed to ensure that the symbology has good contrast, correct bar width ratios, and sufficient quiet zone margins to be decodable.

Fully integrated, different operational modes determine the printer's action once an unreadable bar code is detected, allowing you to tailor the system to your needs. These menu-selectable fault-handling options include automatic reprinting and automatic voiding of any label containing an unreadable bar code.

The Datamax DMXScan offers fast, hands-free bar code scanning and flexible error handling options to ensure that all your printed labels will contain bar codes that are readable, for improved compliance, efficiency and cost savings for your business.

Visit us on the web at [www.datamaxcorp.com](http://www.datamaxcorp.com), or contact your local Datamax reseller to learn more.

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A DOVER COMPANY

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➤ PRODUCT SPECIFICATIONS

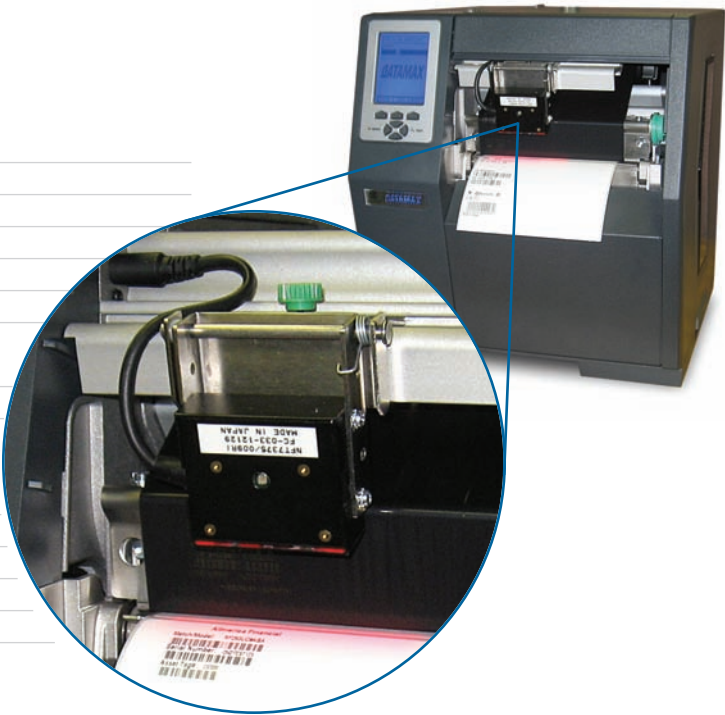
# DMXScan

**PHYSICAL**

CASE MATERIAL	Steel (Black)
DIMENSIONS	1.95" L x 2.2" W x 0.78" D (47mm L x 55mm W x 20mm D)
OPERATING ENVIRONMENT	32°F to 104°F (0°C to 40°C); Humidity 20 to 80% (non- condensing)
STORAGE ENVIRONMENT	14°F to 140°F (-10°C to 60°C); Humidity 20 to 90% (non- condensing)
AMBIENT LIGHT	Fluorescent or incandescent: below 5 kilolux

**OPTICAL**

SCAN RATE	700 scans per second ±10%
LED WAVELENGTH	660 nanometers
READ SENSOR	CCD linear array
NARROW BAR RESOLUTION	10.0 mil
MAXIMUM CHARACTER INPUT	51 digits
MAXIMUM SCANNING WIDTH	4.0 inches
MINIMUM PRINT CONTRAST SIGNAL	0.45 (min. background reflectance of 70%)
SYMBOLGY ORIENTATION	Picket fence only



**SUPPORTED SYMBOLOGIES**

- |                      |                 |              |
|----------------------|-----------------|--------------|
| ▪ CODE 39            | ▪ CODE 93       | ▪ CODE 128   |
| ▪ CODABAR (NW-7)     | ▪ EAN-8         | ▪ EAN-13     |
| ▪ MSI / PLESSEY      | ▪ HIBC          | ▪ I - 2 of 5 |
| ▪ I - 2 of 5 Mod 10  | ▪ UPC A         | ▪ UPC E      |
| ▪ UCC / EAN CODE 128 | ▪ UCC / EAN RWP |              |

**SUPPORTED PRINTERS**

- |            |           |
|------------|-----------|
| ▪ I-Class* | ▪ H-Class |
|------------|-----------|
- \* Not available for I-4206; Field installable on printers manufactured after August 2004 (s/n 43777xxx or greater)*

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