Linear Scanner Features:

- On-Line Scanning
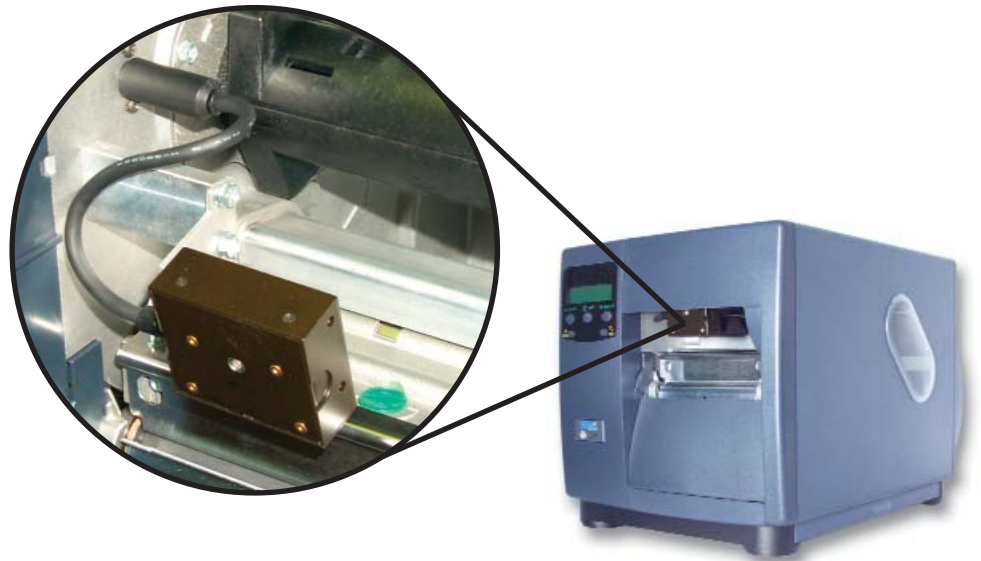- Fully Integrated
- Fast / Reliable
- Hands Free Scanning
- Low Cost Alternative to Online Verification

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

Today, it is an assumption that your company will have to affix a certain type of label to its outbound shipments. For example, many businesses require compliance labeling. High-profile compliance labeling exists in the automotive, retail, aerospace and defense industries, but even smaller industries are now introducing labeling initiatives because of the cost savings that can be achieved through a seamless supply channel. A smooth process hinges on impeccable print quality and scanning is the perfect way to ensure that, on every label, the bar codes meet requirements.

The Linear Scanner uses charge-coupled device (CCD) 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 hundred 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 Linear Scanner offers fast, hands-free scanning and productive error handling options to ensure that all your printed labels will contain barcodes that are readable, which can translate to improved compliance, efficiency and cost savings for your business.

Visit us on the web at www.datamaxcorp.com, or contact your local Datamax reseller to learn more.

DATAMAX®

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%)
SYMBOLOGY ORIENTATION	Picket fence only

SUPPORTED SYMBOLOGIES

- CODABAR (NW-7)
- CODE 39
- CODE 93
- CODE 128
- INDUSTRIAL 2 OF 5
- INTERLEAVED 2 OF 5
- MSI / PLESSEY
- WPC (UPC / EAN / JAN)
- IATA

SUPPORTED PRINTERS*

- I-4208
- I-4212
- I-4308
- I-4406
- I-4604

* Factory Installed Only.