Bar Code Verification Systems

Overview

Scanning Devices specializes in Bar Code Verification Systems for a variety of applications. From High Speed Target Barcode Systems that can be integrated on printing, post printing and packaging line operations, to systems designed for unit dose Pharmaceutical packaging, we can provide the system you need. Our Target Barcode Systems verify that printed barcodes on labels or products are readable and correct. Our systems have been proven on automatic assembly operations in food, pharmaceutical and other industries where barcodes are commonly used for product identification.

Screening with Target Barcodes Systems during post printing, assembly and labeling operations can prevent costly errors by identifying incorrect stock or illegible bar codes early in the production process. Our systems capture statistics that can integrate as metrics into your continuous improvement processes.

Features/Capabilities

- Reads most common Bar Codes including; Code 39, UPC/EAN, Code 128, Codabar, and Interleaved 2 of 5 Code
- Reads codes from moving or positioned products, printed stock, and labels
- Supports high speed production processes, reading codes in as little as 25 milliseconds
- Reports NO-READ and BAD-CODE errors
- Provides output on NO-READ and BAD-CODE errors that inputs to system controls, turn off equipment, turn on warning lights and audible alarms
- Easy interface/connection to PLC or other control device
- Supervisor mode with Key Switch restricts setup and error response to pre-approved staff
- System Power Supply – automatically selects 110 or 220 VAC input power

Bar Code Verification – Setup/Operation

System Set-up is fast and simple 2-step process
- Identify scanner heads in use
- Program Correct "Target" Bar Code into system memory

Scanner Head Options
- Installed in-line (up to 4 scanners per Target Barcode)
- Positioned above moving conveyer (Unit Dose Packaging application)
- Handheld Scanner

Input Options to Trigger Scanner
- Your PLC or computer
- Scanning Devices Optical Sensor

Output Options – On NO-Read or BAD-CODE
- Shut down equipment or signal alarm
- Output to your PLC, Computer or Controller
- Output to Scanning Devices Fault Indicator Light/Audible Alarm

Configuration Options
- Panel mounted system for integration into your production enclosure, 2 line 16 character display, and 16 button keypad control. Requires 5" x 9" panel space and 8"x4.5" panel cutout.
- Standard metal enclosure with key lock, 2 line 16 character display, power switch, and 16 button keypad control. Enclosure: 10"h x 8"w x 6.5" deep. NEMA 4 rated.
- Option for verification of sequentially numbered bar codes