



Features

- High speed verification up to 450m/min.
- Product verification up to 100 units/second.
- Barcodes – 1 dimension codes include Code 39, Code 93, Codabar, Code 2 of 5, Interleaved Code 2 of 5, Code 128, EAN13, EAN8, UPC A, UPC E. 2 dimension codes PDF 417 and Data Matrix. Copes with both coloured barcodes and backgrounds.
- Verifies check digits.
- Multiple fields can be inspected independently per image.
- Verification between sequential fields in each stream and between adjacent streams.
- Checks that the printed barcodes are in the correct location and order.
- Rejects substandard barcodes.
- Checks the alignment of each character.
- Standard increment and special sequences can be inspected against external data.
- Inspects the placement of print relative to an agreed datum.

Typical Applications

- Barcodes of virtually any type.

B.V.S. (Barcode Verification System) is a high performance, multiple-stream inspection system that provides 100% checking and verification of sequences and print quality of Barcode numbered documents on high speed printing and collating machines.

B.V.S. has multiple- high speed triggered cameras that capture images from the moving document, decode the printed data and check for correct quality and placement.

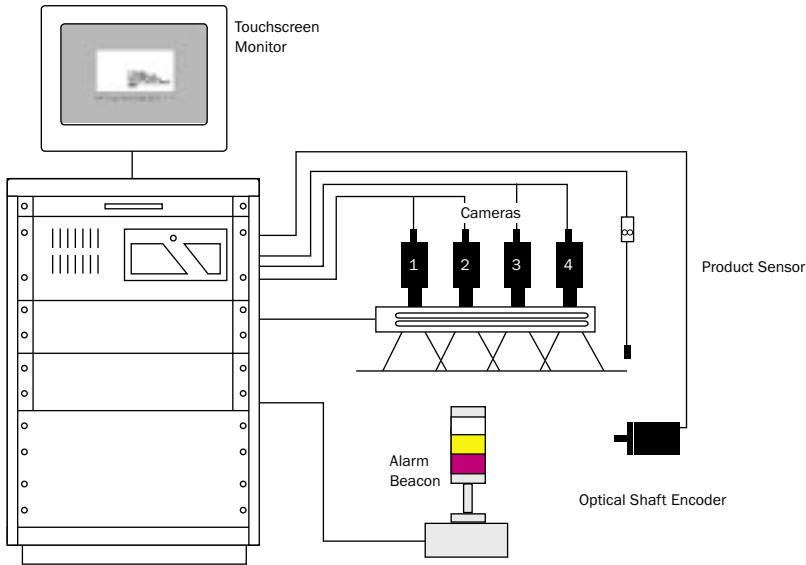
The simple user interface allows the operator to start/stop inspection, keep a report of all inspected products and access easy set up menus.

The system can generate a report showing the time and date of all sequences inspected and details of all faults detected.

A signal can be generated for each fault detected which can be used to reject the sheet and mark the defective document. The data for each fault will be recorded to allow document re-makes to be run at a later time.

B.V.S can be trained to inspect multiple barcodes on each document.





Summary of Benefits

- Modular design for ease of upgrade.
- Software can be tailored to specific requirement.
- Designed for low maintenance and durability.
- Easy to set up for job changes.
- Can be linked to other devices for process management.
- LAN connection for remote access control and data collection.
- Maximises yield and efficiency.
- Detects, identifies and visualises defects prior to shipment.
- High level of automation for maximum process reliability.
- Reduced inspection headcount and cost.

Distributor

Technical Information

Hardware Specification

Rack Mounted Industrial Computer

Image Capture Card

Touch Screen Monitor

Progressive scan CCD camera/Line scan

High frequency fluorescent lighting/Line light

Product Sensor

Shaft Encoder

Alarm Output

Power requirement: 240v ac. 5 amp

Program Specification

Operating System –

Microsoft Windows 2000+, XP pro

VAS Operator Interface Program handles multiple programs. Menu pages are divided into two parts

Run Mode – captures an image from the camera, processes it and performs the required comparison of layout and sequence

Set up Mode – entered via a keypad menu on the touch screen set parameters with different access levels

Specification subject to technical changes