Inline Vision System

Videojet 5240

Simple user interface and proven reliability of the Videojet 5240 Character Legibility System helps enable accurate detection of printed text and codes.

Ensure printed code presence and readability.

Seamless integration in a production line.

Improve quality and optimize production efficiency.

Consumer Confidence
- Increase accuracy of variable data (e.g. Expiry Date or Best Before) ensuring that the information provided to the consumer is fully readable
- 100% quality-inspected products placed into the market
- Maintain Brand quality with consistently readable text information

Communication & Connectivity
- Remove potential for human error with suite of line integration and code management capabilities
- Management of marking system codes directly from the Vision controller
- Multiple cameras/printers can be connected together and be setup from a central point

Setup made easy
- Setup time is minimized by integral SKU/article management
- Legibility tolerances setup is simplified by a user friendly operator interface

Production Efficiency
- Reduce costs caused by rework, recalls and scrap
- Fast and reliable set-up and change-over ensures high OEE
- End-of-Batch report gives Production Managers the best traceability for quality issues

- Take a photo of the text
- Process the image and attempt to recognize characters
- Compare each character against a set of allowed characters (alphabet)
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User interface and software
Laetus NAVIGATOR for MS Windows®

Languages
English
Further languages at request

Inspection System
Inspector wt621 smart camera system, 1280x1024 Pixel, monochrome, max. 50 fps, embedded operating system, 1 Trigger input, 3 input signals for future use, 4 result outputs, integrated LED lighting red/blue, LED class 1, strobe control of external lighting, integrated 9.6 mm lens with software adjustable focus, reading distance 70...1.500 mm, optical indicators (5x status display, 10x LED bar, 1 green feedback), beeper/buzzer, connectivity prepared for Profinet, EtherNet, EtherCAT, PROFIBUS DP

Character Legibility Application
Quality-based character legibility function, adjustable quality and number of character threshold. Configurable print analysis, application tracker tool.

Inspection Line speed capability
Depends on application, typically up to 15 Hz

Working Distance / Field of View
Note: 17.1 mm lens not available

Environmental protection
Inspection camera IP65
Option: stainless steel cabinet IP54 (fan less)

Temperature/humidity range
0°C to 50°C (32°F to 122°F)
0% to 90% RH non-condensing

Electrical requirements
100-240 VAC at 50/60 Hz, approx. 60W, 24V / DV 240W power supply included
8-port Ethernet Switch included

Package Options
COMMANDER 110S, 10” Touch Panel, Windows 10 IoT Enterprise operating system, 128GB SSD

Electrical cabinet, stainless steel, incl. 24V DC power supply, 8-port Ethernet switch, terminal blocks for 2 inspection cameras, Fault stop signal and indicator

New printer quote 866-871-3226
Order supplies shop.videojet.com
Call 800-843-3610
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