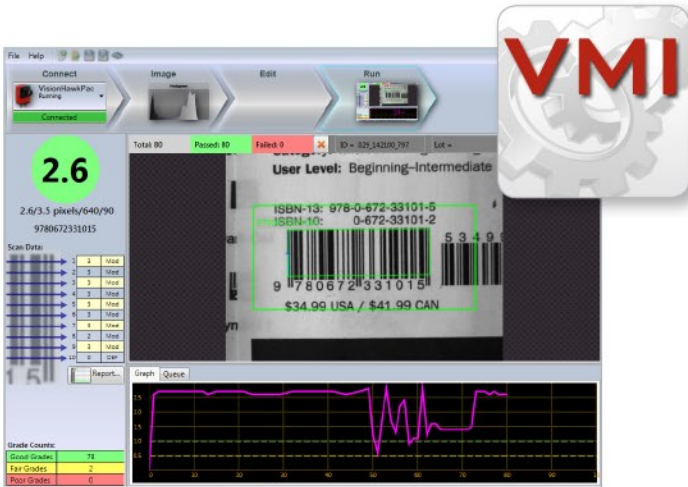


VMI SOFTWARE



Barcode Verification Monitoring Interface

The Verification Monitoring Interface (VMI) plug-in module for AutoVISION software provides a unique and user-friendly interface for 1D inline barcode verification applications. VMI collects barcode data for print quality verification to ISO 15416 and to enable printer condition monitoring, as well as use in statistical trending.

VMI Plug-In: Capabilities

Verification-Specific Run View

- Replaces the standard AutoVISION Run view with a screen that provides verification-specific feedback and logging capabilities.

New Job Creation

- Automatically creates a fully-functioning default verification inspection job, easily modified by the user, instead of a standard blank job.

Optional Image and Data Logging

- Enables saved images for failed inspections, and logs data for each inspection cycle to a CSV file

AutoVISION® Software: Capabilities

- Simplified user interface for solving basic to mid-range applications
- Complete toolset includes:
 - 1D/2D symbol decoding
 - Optical Character Recognition (OCR) and Optical Character Verification (OCV)
- Microscan Link easily connects job parameters to industrial control systems
- EtherNet/IP™ and PROFINET I/O® connectivity

Hardware Requirements:

Vision HAWK C-Mount Smart Camera

Minimum PC Requirements:

Hardware	Min. CPU	Min. Interface
Windows PC	Core2Duo	1 USB and 1 Network
Software	Min. Version	Min. RAM
Windows 7 (32 bit)	SP1	2 GB

Specialized Interface

VMI is designed especially for verification applications. The Edit view provides easy set up of tolerances to control the pass/fail state of the barcode inspection, as well as trend analysis and match string. The Run view provides simple visual feedback of verification results, including the unique Data Panel displaying a real-time barcode grade and verification data for each inspected part.

Secure Access

Integrated password protection enables four separate access levels, with password control set at the Administrator level.

Verification Reports

Save and print detailed ISO 15416 verification reports with a single click.

Trending & Alarms

In addition to failed codes triggering rejects, VMI can be easily configured to check for simple trends in verification grading and can trigger an output signal if the trend falls below a defined threshold. This signal can be used to stop a production line, or any number of alarm or process improvement activities.

Printer Performance

VMI's barcode quality verification can, for example, detect a potential clog in a print head. Use this data to purge print heads only when needed, instead of performing inefficient and costly periodic purging regardless of printer conditions.

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