VIEW System Upgrades

Enhance system performance with the latest cameras, controller and software.

Typical Upgrade Kits Include:

- New system controller with quad core processor, 4GB memory and solid state HDD
- Digital, megapixel camera(s)
- Optional color megapixel camera(s)
- Digital camera interface
- Latest* VMS or Elements® software
- On-site installation and calibration by a VIEW field service engineer
- 1-year calibration and software maintenance agreement
- 6-month warranty on installed components

Options:

- QVI® Through-the-lens (TTL) Laser
- LED Surface and Profile Illuminator
- Latest generation multi-color Programmable Ring Light (PRL)
- Extended Maintenance Agreements

* Software version may be dependent on system configuration / hardware and Windows operating system level.

Systems	
	Benchmark *250	300	450*
	Summit *450	600*
	Pinnacle *250*

Before   **After**

VMS Upgrade Benefits

New features in VMS 8 include:

Updated Screen Layout with Ribbon Interface

New and Updated Dialogs
- Easy to use dialogs for using advanced image acquisition and Area Multi Focus (AMF)
- Added option for zero length scan and improved the layout for basic and advanced laser scans

New Line Width Finder Tool
- The new Line Width is a convenient function for measuring the distance between two parallel edges

Part ID and Factory Interface Functions
- Optical Character Recognition (OCR) to enable automatic ID of parts based on their ASCII labels
- Bar Code reading to enable automatic ID of parts using images from the machine

Motion Control Enhancements
- Simultaneous X,Y,Z vector moves are now enabled, reducing positioning time
- Dual axis drive & scale systems are now supported
- Software warm start – enables re-start of VMS without automatically initializing stages

2D Heat Map Thresholds for Blob and Histogram Tools

Image Filtering & Feature Calculation Enhancements

VMS 9 includes all the new functionality in VMS 8 and additional features including:

QVI Portal Compliant
- Runs in the QVI Portal environment, allowing it to be used interchangeably with other QVI metrology software.

Compatibility with OGP SmartScope Models
- Operates with OGP SmartScope® Flash / CNC, and ZIP multisensor systems.

New Image Processing Dialogs
- Easy to use dialogs for image stitching and extended depth of field image (EDFI)
- Image area of Interest (AOI) can now be defined through a simple dialog box

Advanced Call Functions
- The Advanced Call Procedure (ACP) dialog combines the function Help, object names variables and the call procedure dialog into a single dialog box featuring drop downs to select variables and entry of constants.

New Temperature Compensation Module
- Integrated USB temperature sensor monitoring from one or more temperature sensors.

Display and Evaluation Tools
- Line defects detection
- Blob ID by area, size or position
- Improved masking functionality

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