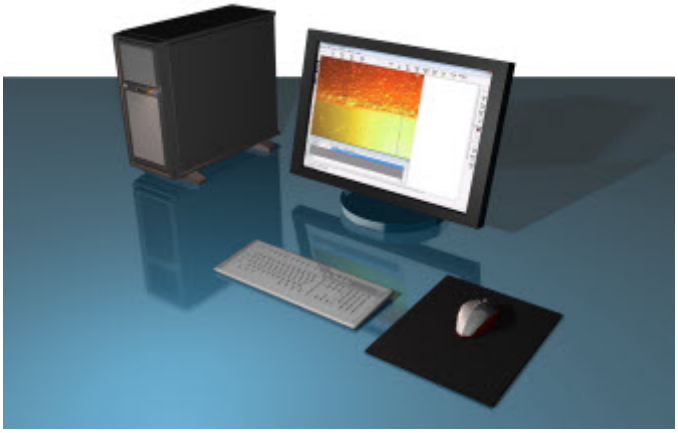
CANTY

PROCESS TECHNOLOGY

VECTOR SYSTEM WITH CANTYVISIONCLIENT™ SOFTWARE



THE CANTY ADVANTAGE

A Vector System with CANTYVISIONCLIENT™ Software uses live video data from a CantyVision System to measure and control your process parameters by converting the video from a Canty camera system into a matrix of pixels up to 30 frames/sec. (with single input) to a resolution of over 256 shades of gray (B&W systems) or over 16 million colors (color systems). Each input is analyzed by the software to perform the desired process control functions. Any software package can be selected with any camera.

OUTPUT OPTIONS

A Vector System with CANTYVISIONCLIENT™ Software has various outputs available, including numerous user interface menus and network connectivity to standard 4-20mA current loop devices, contact switches, MODBUS servers, OPC clients, and OPC servers. Particle sizing software packages also feature graphing and histogram outputs. All Vector models are fully compatible with all standard Microsoft® software communications protocols. Canty offers custom output packages if needed.

PARTICLE SIZING PACKAGES

All particle sizing packages are provided with the ability to output graphs. Measured particle data is written to a text file where it is available to the user for analysis. Canty provides outputting to tables and graphs. Custom tables and graphs can easily be created using the application or data which then can be converted to other supported file formats.

SOFTWARE OPTIONS

- Level / Volume Control
- Foam Detection
- In-line Particle Sizing - 2D, 3D analysis
- Lab Particle Sizing
- Conveyor - Flow, Belt Breaking Applications
- Alignment, Cleanliness Applications
- Color Analysis
- Baking Control
- Size and Shape Analysis
- Percent Solids, Opacity, Turbidity
- Black Spec Detection
- Custom Applications - Consult Factory

FEATURES

- Microsoft Windows® OS
- Ethernet Connectivity to 4-20mA Devices
- USB 2.0 Ports (Standard)
- USB/Broadband for technical support and remote user interfacing sold separately under part number Z5434100
- Multiple software process control prackages
- Gigabit Ethernet Onboard NIC
- 2nd Gigabit Ethernet NIC (Ethernet Systems Only)
- Images can be recorded and saved to local hard drive for future measurements or for achieving.
- Multi-core Processor
- Microsoft® Office software (included) is compatible with CANTYVISIONCLIENT™

SPECIFICATIONS

User Interface: Microsoft Windows® OS
Voltage: 120VAC, 60Hz (U.S.)
230VAC, 50Hz (Europe)
Approvals: CE marking for Europe (CCIR, PAL systems)
Network Interface: Gigabit Ethernet

System Includes: Mouse, Standard US Keyboard, and Computer Monitor

CANTY JM Canty Inc | Buffalo, NY USA | Ph: (716) 625 4227 | Fax: (716) 625 4228
JM Canty Intl Ltd | Dublin, Ireland | Ph: + 353 (01) 882 9621 | Fax: +353 (01) 882 9622
www.jmcanty.com
Document P/N: TA9562-1 Rev. 8
All registered trademarks are the property of their respective owners.

Ordering Information

HOW TO ORDER: Select the appropriate symbols and build a part number as shown:

EXAMPLE: **V C B 3 5 0 0 - LIC**

VISION SYSTEM FORMAT	
C -	U.S. Format
P -	European Format

VIDEO INPUT	
B -	Black and White
C -	Color

OPERATING SYSTEM	
5 -	MS Windows® OS, Multi Core Processor, Ethernet Camera

SOFTWARE PACKAGE	
EPS -	Bead Size
LIC -	Level/Edge & Intensity
PS -	Particle Size & Speck Detection

mA OUTPUT OPTIONS	
0 -	No on board 4-20mA Outputs, Use OPC or Ethernet Current Loop (see TA9688-1)
1 -	8 Channel 4-20mA Output
2 -	16 Channel 4-20mA Output

CHASSIS CONFIGURATION	
5 -	Tower Chassis
6 -	Server Tower Chassis

All registered trademarks are the property of their respective owners.