

CANTY

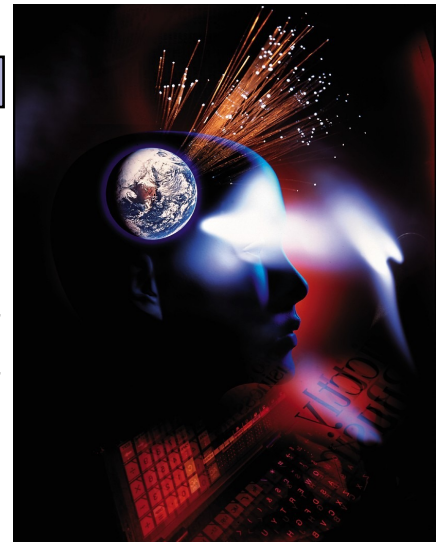
PROCESS TECHNOLOGY

CANTYVISION™ SOFTWARE

SOFTWARE DESCRIPTION

CANTYVISION™ software is included with the purchase of any Cauty Ethernet Camera. CANTYVISION™ software is used for both viewing and analysis. Once installed on a Windows based PC, users can remotely view and control any Cauty camera from that desktop. CANTYVISION™ software is provided with a single client license per computer, allowing one user to view multiple Cauty cameras.

The software is able to output the data in various formats. The customer can select the unit of measure the data outputs, as well as the data output type. CANTYVISION™ software can output results to a database, OPC, 4-20mA or even a specific file location. Multiple cameras can be used for viewing, recording and analysis. Real time monitoring and analysis can be done using the software. Video recording allows for video records and analysis at a later time. CANTYVISION™ software can also be set up to analyze on multiple applications simultaneously.



COMPUTER SPECS

Computer Recommended Specs for use with CANTYVISION™ software

- Operating System: Windows 7 or 10 Pro 64 Bit or Higher
- Memory: 8GB RAM
- Processor speed: 2.7GHz/ Quad-core (Ex. 4th Generation Intel Processor - Haswell Chip or better)
- Recommended Monitor Resolution: 1920 x 1080
 - The resolution may need to increase when monitoring multiple cameras
- Graphics: HD Graphics 4600 or Better Video Card
- 1 GB NIC with Jumbo Frame Support of at least 9KB size
 - Additional NIC cards may be needed when monitoring multiple cameras or adding devices
 - For particle sizing InFlow™ systems & SolidSizer™ systems, two (2) NIC cards are needed. Only one (1) needs to be 1GB and the other can be any specification.

Recommended J.M. Cauty PC Vendors if Specifications Above are Met

- HP® Z440 (Tower)
- Lenovo® P50 (Laptop)

Recommended J.M. Cauty PC NIC Card Vendors if Desktop Specifications are Met

- Adlink® PCIe-GIE64+ (4 Port Ethernet Card with PoE)
- Intel® E1G44ET2 (4 Port Ethernet Card)

*Please use CAT6 cabling or better (300 ft./ 100 meters max range) to connect the camera to the computer
CANTYVISION™ Software is compatible with, Windows® 7, and 10 all at 64 Bit.*

Note: Cauty Recommends using a Desktop for analysis. Laptops should only be used for portable units.

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VECTOR CONTROL MODULE



See Datasheet TA11500-1034

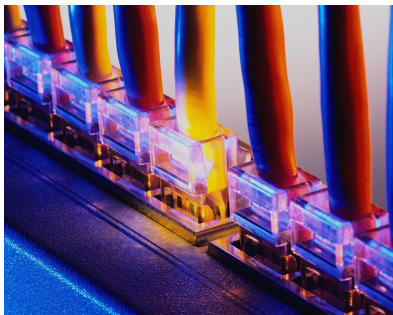
SOFTWARE TOOLS

- Intensity Tool- can be calibrated to report temperature, Intensity or brightness of an image.
- Particle Sizing Tool - analyze particle size and shape down to 0.7 microns.
- Color Speck Tool- can be calibrated to detect specific shade, or intensity of a process.
- Level Tool- determine the location of liquid or solid in process.
- Bead Sizing Tool- sizes beads or bubbles without affecting process.
- Length Tool- measures distance between two points or edges.
- Froth Tool- measures the bubbles on the froth with out affecting process.
- Turbidity Tool- can be calibrated to report NTU or Intensity of a liquid.
- Scale tool- provides a calibrated line which can be used to measure objects on the image.

OUTPUT OPTIONS

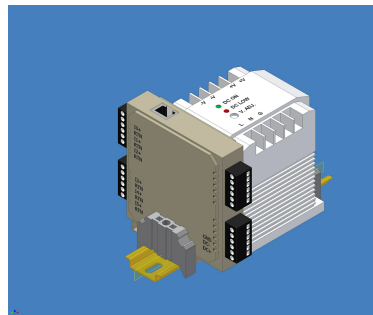
OPC - Open Connectivity for Process Control

Canty provides an OPC client to connect CANTYVISION™ Software to our customers' digital control systems. This comes standard with CANTYVISION™! (Please see data sheet TA10560-1 for complete information on this offering).



Ethernet Output Module

Canty also offers an Ethernet controlled 4-20mA signal from CANTYVISION™, which is a 4-20mA current loop signal. This is a separate DIN rail mounted module that can be purchased as an accessory. (Please see data sheet TA9688-1 for complete information on this offering).



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