

ACCU-SORT®

## AV4000<sup>2.0</sup> CCD-Based High-Speed Imaging System

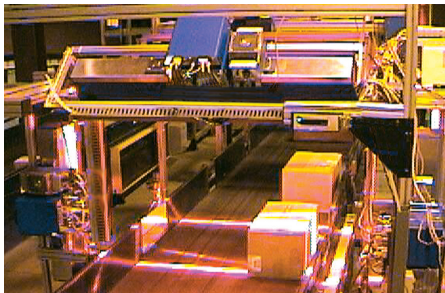


Photo captions: (Above) Package scanning with an AV4000 camera tunnel. (Right) AV4000<sup>2.0</sup> CCD-Based High-Speed Imaging System.

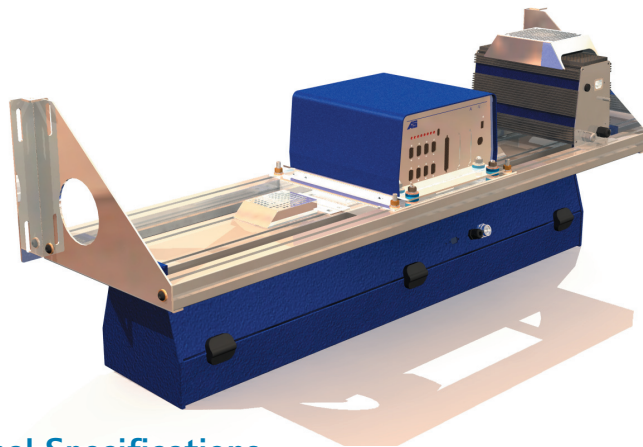
*It's elegant, easy to use,  
powerful and now the most  
reliable camera – ever.*

### The Latest Camera Technology from Accu-Sort

- > **Unmatched Read Rates:**  
Typical read rates of better than 99.4%
- > **Unmatched Reliability:**  
**Danaher Business System** – DBS manufacturing process for reliable, sustainable quality  
**Digital Zoom Technology** – Higher quality images and lower cost of ownership
- > **Simplified Installation with Powerful Image Processing:**  
**Integrated Camera, Illumination, and Decoder** – Easier and faster to install than traditional discrete components  
**NEW Image Depot Server** – Advanced image processing with Accu-Sort's real-time image capture (VisionCapture™), dimensioning (VisionCube™), side-by-side detection (VisionDetect™), and video encoding (VisionKey™)  
**NEW MultiViewer Image Viewing Tools** – Simple and fast image capturing and viewing to help with camera setup and troubleshooting

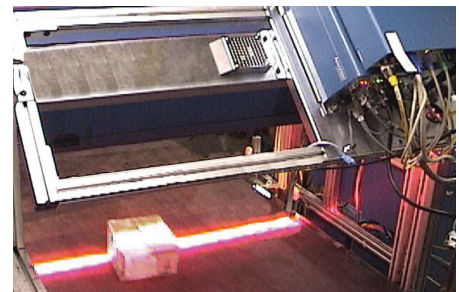
# AV4000<sup>2.0</sup>

## CCD-Based High-Speed Imaging System



### Operational Specifications

Characteristic	Description
Name/Part Number	CCD Camera, AV4000 <sup>2.0</sup> , PN 1000053390
Resolution	Up to 200 DPI, square pixels
Conveyor Speeds	Up to 540 FPM [2.7 m/sec]
Mounting Distance	78" [198 cm] (Typical)
Depth of Field	52" [132 cm] optical depth of field; covers a 36" [91 cm] DOF for reading both 1 or 2 sides of a parcel (Typical)
Field of View	48" [122 cm]
Orientation	Omnidirectional
Light Source	Integrated high intensity red LEDs [635 nm]
Decoder	Custom, P4-based, 3.0GHz, 1GB RAM, Liquid cooled
Connections	Ethernet, Serial RS232, 422, 485, USB Image data via CameraLink or Serial RS644 (62 Pin)
Size	Length - 24.0" [60.1cm] x Width - 13.6" [34.5 cm] x Height - 9.5" [24.1 cm]
Weight	55 lbs
Temperature Range	32°-122°F [0°-50°C]
Relative Humidity	10-90% non-condensing
Enclosure	NEMA 12 [IP 54]
Power Input	100-240 VAC
Service Options	Installation assistance, on-site training
Warranty	1-year limited, parts and labor



Look for the "RFID ENABLED" logo on Accu-Sort's bar code laser scanners and CCD cameras. It's our assurance that all ACCU-SORT® RFID products will be compatible with your existing bar code scanner infrastructure—capable of working together to solve your expanding business needs.

### Integrated Decoder

Omnidirectional reading of all standard linear and 2D codes 8 mil and greater including:

Data Matrix	Planet Code	QR Code	RSS Code
PDF417	Code 128	Aztec Code	Code 39
Maxicode	I 2 of 5	Postnet Code	

Accu-Sort reserves the right to change specifications without notice.

For more information about auto-ID and material handling solutions from Accu-Sort Systems, contact us at:

**ACCU-SORT® SYSTEMS, inc**  
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**Telford, PA 18969**  
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