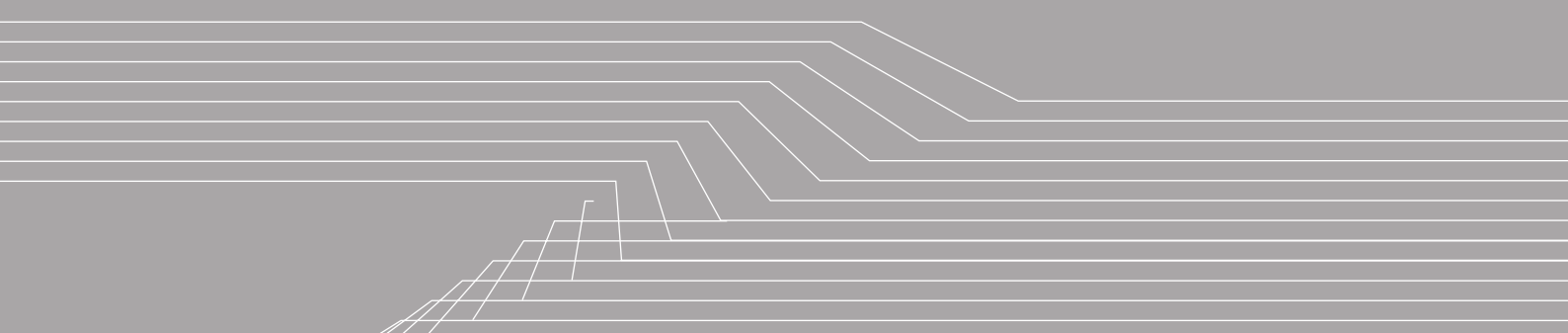


AccuVision® AV6010

Long-Range  
Camera System



## Long-Range Camera System



Based on the experience of more than 9000 installations!

### Highest Read Rate Performance:

- Read Rate 99.9% for Grade A labels
- Ensures the highest possible read rates on good and poor quality codes
- Superior image quality guarantees highest read rates especially for OCR systems

### Lowest Total Cost of Ownership:

- Reliability @ 50° C > 75,000 hours MTBF
- Virus-free operating system
- Redundant networking scheme (no single point of failure)
- Integrated multiplexer
- Integrated dimensioning (optional)
- Integrated side-by-side detect (optional)
- 6-sided camera tunnel installs in < 10 hours
- No hard drives = no UPS, no disk crashes

### Easiest to install, use and maintain:

- One cable connects it all
- Install and maintain with a few simple tools
- Powerful, intuitive HTML user interface
- Auto-calibration Wizard reduces total commissioning setup time by 70%
- Modular plug-n-play design reduces downtime to max. 10-15 minutes MTTR

### "Beyond Bar Codes" Flexibility:

- Upgradable and flexible architecture
- Certified Parcel Dimensioning
- Side-by-Side Package Detection
- Preprocessing of images for OCR/OCV
- FAST Monitor™ compatible
- VisionCapture™ compatible
- Image Quality Analysis (IQA) compatible



### Accu-Sort camera technology raises the bar, again!

As the world leader in industrial high-speed camera-based identification solutions, Accu-Sort's AccuVision® cameras are well known for innovation and best-in-class performance. Always setting the bar high, our AV6010 cameras continue the tradition by providing outstanding image quality and performance for the most demanding 1D and 2D symbology applications, combined with the industry's highest reliability and easiest installation. With read rates exceeding 99.9% and a mean-time between failures of greater than 75,000 hours, the AV6010 is the definition of both reliability and low total cost of ownership.

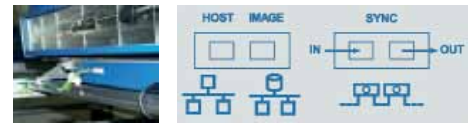
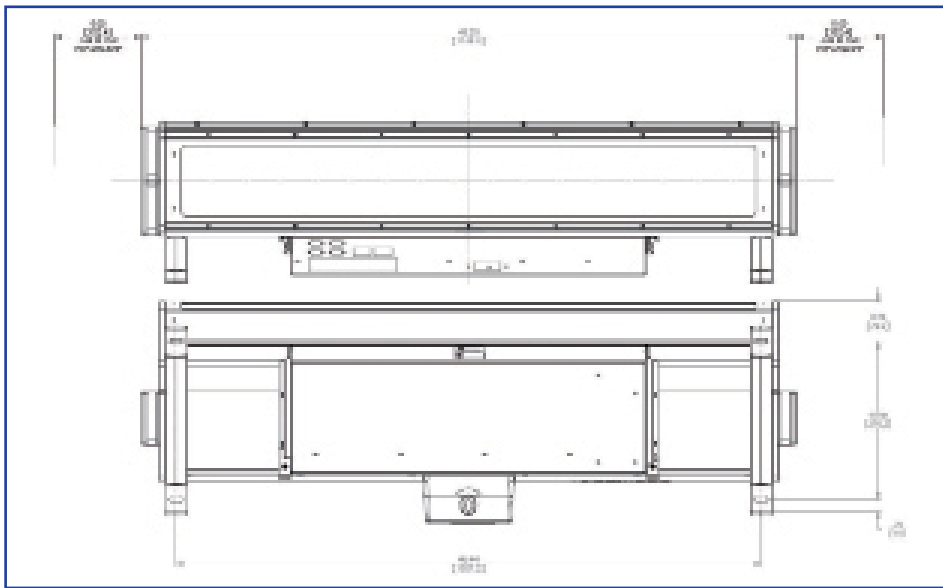
### Taking camera technology 'beyond bar codes'

The AV6010 Camera System provides a flexible and upgradeable computing architecture to meet the needs of most demanding applications. Up to three processors are assigned to decoding, in-camera dimensioning, side-by-side package detection, OCR/OCV/VCS, and more, allowing the system to be easily configured while assuring each application has all the power it needs to get the job done fast and accurately. AV6010 is compatible with our FAST Monitor™ and VisionCapture™ systems. FAST Monitor provides advanced 'at-a-glance' diagnostics. VisionCapture's real-time image capturing of 'no-reads' enables fast resolution of poor quality or damaged code issues. Innovative mounting structures, an auto-calibration wizard and HTML user interface reduce installation and commission time from several days to less than 10 hours for a 6-camera tunnel system. One cable connects all components through a dedicated network providing the tach, trigger and sync signals. Read results are passed by all 'client' cameras through the network to the acting 'Controller' camera which handles communications to the Host.

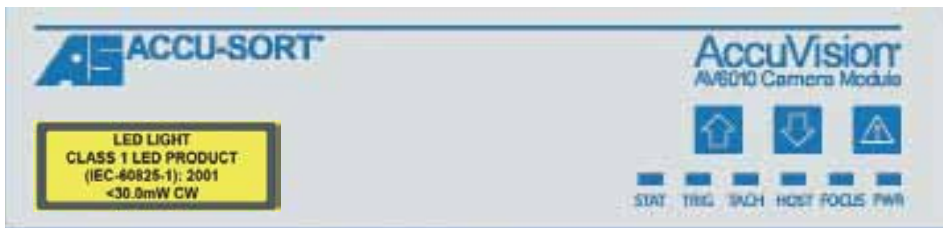
### Applications

Typical AV6010 scanning solutions address these industries and applications:

- Parcel and Postal Logistics
- Retail/Wholesale Distribution
- Warehouse and Mail Order Logistics
- Tire Manufacturing
- Multi-sided Tunnel Arrays
- Dimensioning / Revenue Recovery
- Side-by-Side Package Detection
- OCR/OCV/VCS Solutions



Wiring is a snap! The AV6010 camera sync, Host network and optional Image network all use Ethernet cabling. Icons identify the connectors, providing easy 'visual cues' for all system interconnections.



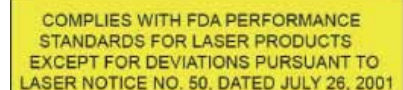
How tall is it? The AV6010 RangeFinder tells us... within 0.1 of an inch!



IEC (International) Caution Labels for exit laser power (top) and internal laser power (left).

Characteristic	Description
Name	AccuVision® AV6010 Long-Range Camera System
Resolution	250 DPI
Transport Speeds (max.)	Belt: 620 FPM [3.2 MPS]
Size: Camera (w/Short Illum)	H 11.15" [283 mm] x W 32.75" [832 mm] x L 15.31" [389 mm]
Camera (w/Long Illum)	H 11.15" [283 mm] x W 44.75" [1137 mm] x L 15.31" [389 mm]
RangeFinder	H 5.42" [138 mm] x W 3.25" [83 mm] x L 36.0" [915 mm]
Weight	Camera - Short Illum: 68.08 lbs [30.8 kg] Long Illum 81.79 [37.1 kg] RangeFinder: 18.0 lbs [8.2 kg]
Enclosure	Powder-coated cast aluminum
Temperature	Operating: +32° to +122° F [0° to +50° C] Storage: -4° to +158° F [-20° to +70° C]
Relative Humidity	10% - 90% non-condensing
Illumination (Light Source)	Camera: High intensity red LEDs (635 nm) RangeFinder: Visible red laser (650 nm)
Power Requirement	115/230 VAC, 50/60 Hz, 85-110%
Power Consumption	450 VA max. for standard configuration; 800 VA max. with all options
Visual Indicators (6 LEDs)	Camera: STAT, TRIG, TACH, HOST, L/C, PWR - RangeFinder: 7 status LEDs
Bar Code Types	All standard 1D and 2D symbologies
Connections	Gigabit Ethernet TCP/IP (RJ45), Serial RS232/422 (9-pin 'D')
Distributed Computing Module	LynxOS on main processor, Linux OS on up to 3 Com-Express modules
Options	Dimensioning (cuboidals), Side-by-Side Package Detection (SBS), Raw Image Export (RIE), OCR/OCV/VCS, VisionCapture (Image Depot Server), FAST Monitor, monitor and keyboard with trackball, UPS
Reliability	> 75,000 hours MTBF @ 50° C
Service Options	Installation assistance and on-site training
Warranty	1-year limited, parts and labor
Compliance	UL, cUL, CE, FCC (Class A), IEC-60825-1, 21CFR1040 Certified Dimensioning: NCCWM/NTEP, Measurement Canada, OIML R129

#### FDA Caution Label



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

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Telford, PA 18969  
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www.accusort.com

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

\* Actual performance may vary with configuration and application.

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