

# ACCU-SORT®

## AccuVision® AV6010 Long-Range Camera / Dimensioning System

**ALL NEW!**

Based on the experience  
of more than  
8500 installations!



### Highest Read Performance:

- Ensures the highest possible read rates on good and poor quality codes
- Superior image quality guarantees highest read rates especially for OCR systems
- Up to 1+3 processors allow for configuration to meet application requirements

### 'Never Fails' Reliability:

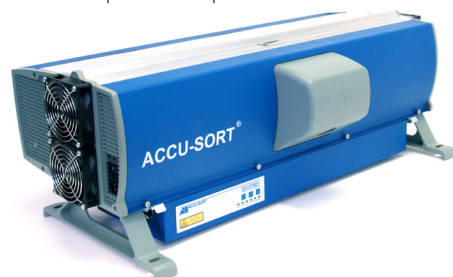
- > 75,000 hours MTBF
- Lynx OS / Linux-based operating systems means no patches and no viruses
- No hard drives = no UPS, no disk crashes

### Easiest to install, use and maintain:

- One cable connects it all!
- 6-sided camera tunnel install in < 10 hours!
- 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:

- Parcel Dimensioning (certifications pending)
- In-camera image preprocessing for OCR/OCV systems
- FAST Monitor™ compatible
- VisionCapture™ 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, well known for innovation and best performance have always set the bar high. Our new AV6010 cameras continue the tradition by providing outstanding image quality and performance for the most demanding solutions for 1D and 2D symbology reading as well as OCR and Video Coding applications, combined with the industry's highest reliability and easiest installation.

With a mean-time between failures of greater than 75,000 hours, the AV6010 is the definition of 'never fails' reliability and low total cost of ownership.

### Taking camera technology 'beyond bar codes'

The AV6010 Long Range Camera System provides a flexible and upgradeable computing architecture to meet the needs of most demanding applications. Processors can be configured for decoding, OCR/OCV/VCS, in-camera dimensioning, and more, allowing the system to be easily configured assuring each application has all the power it needs to get the job done fast and accurately.

AV6010 is compatible with Accu-Sort's 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.

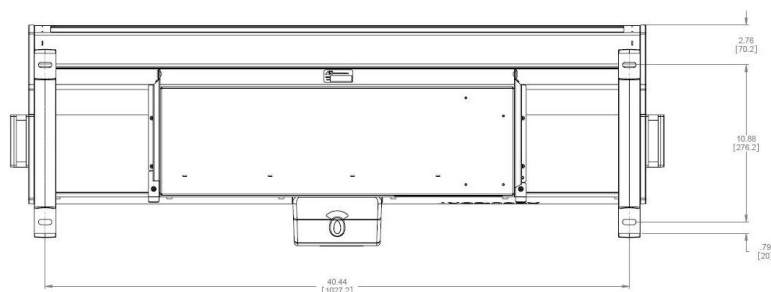
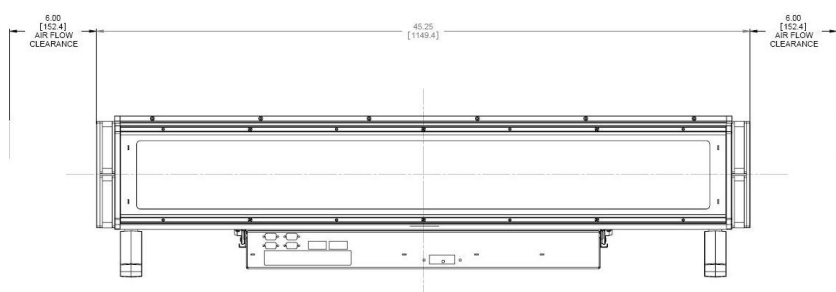
Innovative mounting structures, an auto-calibration wizard and HTML user interface reduce installation and commission time from several days to less than 10 hours for a 6-camera tunnel system. One cable connects all components through a dedicated network providing the tach, trigger and sync signals. Read results are passed through the network to the acting 'Master' camera which handles communications to the Host.

### Applications

Typical AV6010 scanning solutions address these industries and applications:

- Parcel and Postal Logistics
- Warehouse and Mail Order Logistics
- Revenue Recovery
- Retail/wholesale distribution
- OCR and VCS Solutions
- Multiside Tunnel Arrays

# AccuVision® AV6010 Long-Range Camera System



AccuVision®  
AV6010 Camera Module

LED LIGHT  
CLASS 1 LED PRODUCT  
(IEC-60825-1): 2001  
<30.0mW CW

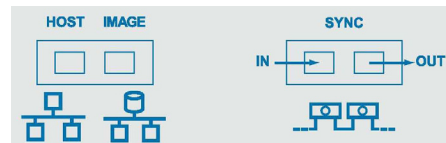
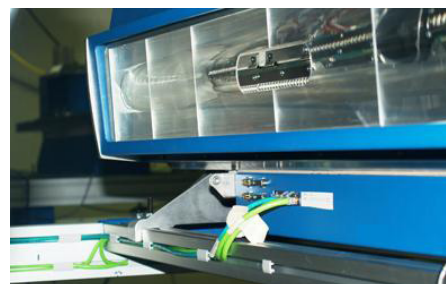


## Characteristic

## 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, OCR/OCV/VCS, Monitor and Keyboard with trackball VisionCapture (Image Depot Server), FAST Monitor	
MTBF	> 75,000 hours	
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	

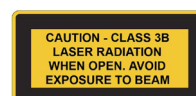
\*Actual performance may vary with configuration and application.



Wiring is a snap! The camera sync, Host network and optional Image network all use Ethernet cabling. Icons identify both the AV6010 connectors and cables... it's as simple as plugging the cable picture into the connector picture!



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).

## FDA Caution Label

COMPLIES WITH FDA PERFORMANCE STANDARDS FOR LASER PRODUCTS EXCEPT FOR DEVIATIONS PURSUANT TO LASER NOTICE NO. 50, DATED JULY 26, 2001

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

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