DATALOGIC

AccuVision® AV6010

Long-Range
Camera System

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

Long-Range Camera System

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:
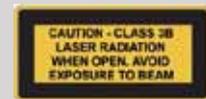• Parcel and Postal Logistics
• Retail/Wholesale Distribution
• Warehouse and Mail Order Logistics
• Tire Manufacturing
• Multi-sided Tunnel Arrays
• Dimensioning / Revenue Recovery
• Side-by-Side Package Detection
• OCR/OCV/VCS Solutions
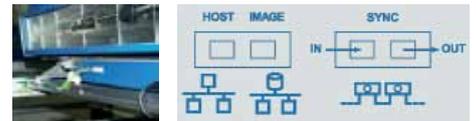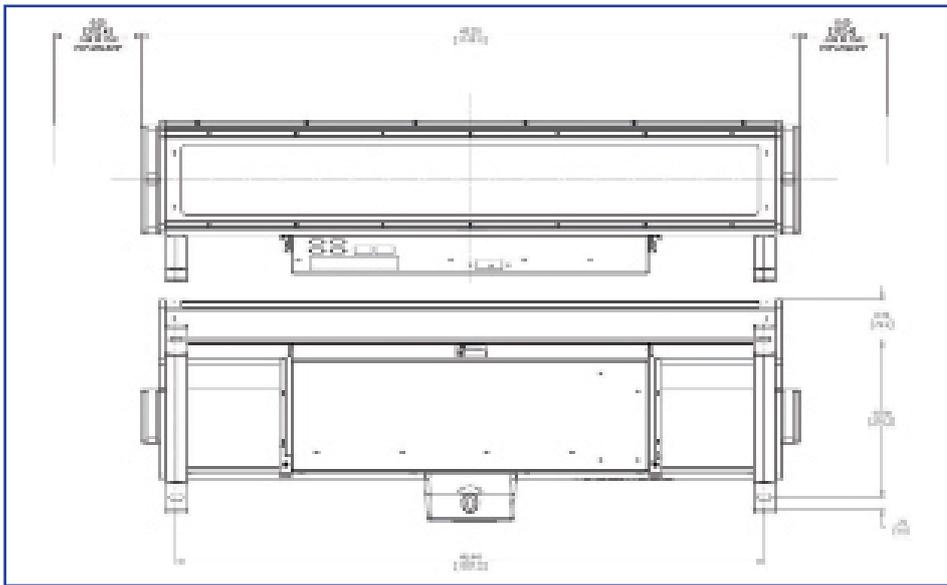
Wiring is a snap! The AV6010 camera sync, Host network and optional Image network all use Ethernet cabling. Icons identify the connectors, providing easy 'visual cues' for all system interconnections.
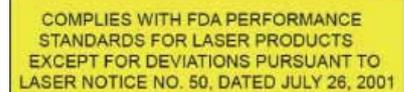

How tall is it? The AV6010 RangeFinder tells us... within 0.1 of an inch!

LASER RADIATION
DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT
(IEC/EN 60825-1):2001
CLASS II LASER PRODUCT (21CFR1040)
WAVELENGTH 630-700nm,
PEAK/CW POWER <1.0mW
PULSE LENGTH 1.0ms,
FREQUENCY 500Hz

CAUTION - CLASS 3B LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM

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 us at:

ACCU-SORT® SYSTEMS, INC.
511 School House Road
Telford, PA 18969
1-800-BAR-CODE™

info@accusort.com
www.accusort.com

© 2007-2010 Accu-Sort Systems, Inc. All rights reserved. ACCU-SORT, 1-800-BAR-CODE, AccuVision, FAST Monitor, VisionCapture and the AS logotype are trademarks or registered trademarks of Accu-Sort Systems, Inc.

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

Characteristic / Description

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) Camera (w/Long Illum) RangeFinder	H 11.15" [283 mm] x W 32.75" [832 mm] x L 15.31" [389 mm] H 11.15" [283 mm] x W 44.75" [1137 mm] x L 15.31" [389 mm] 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: NCWM/NTEP, Measurement Canada, OIML R129

* Actual performance may vary with configuration and application.

EUROPE

DATALOGIC AUTOMATION
Headquarters
Via Lavino, 265
40050 Monte San Pietro
Bologna - Italy
Tel. +39 051/6765611 - Fax +39 051/6759324
info.automation.it@datalogic.com

DATALOGIC AUTOMATION Iberia
Sucursal en España
C/ Samonta,25 4ª Planta
08970 Sant Joan Despí
Barcelona - Spain
Tel. +34 (0)93/4772059
Fax +34 (0)93/4777272
info.automation.es@datalogic.com

DATALOGIC AUTOMATION AB
Höjdrodergatan 21
21239 Malmö - Sweden
Tel. +46 (0)40/385000
Fax +46 (0)40/385001
info.automation.se@datalogic.com

DATALOGIC AUTOMATION Benelux
Newtonweg 3
4104 BK Culemborg - The Netherlands
Tel. +31 345/589489
Fax +31 345/511419
info.automation.nl@datalogic.com

DATALOGIC AUTOMATION S.r.l.
Niederlassung Central Europe
Carl-Zeiss Str. 31
73230 Kirchheim/Teck - Germany
Tel. +49 07021/509700
Fax +49 07021/5097029
info.automation.de@datalogic.com

DATALOGIC AUTOMATION UK
Datalogic House
Dunstable Road, Redbourn
Herfordshire - England
AL3 7PR
Tel. +44 (0)1582/464900
Fax +44 (0)1582/464999
info.automation.uk@datalogic.com

DATALOGIC AUTOMATION S.r.l.
Succursale en France
Le Parc Technologique de Lyon
333 cours du 3ème Millénaire - Le Pôle
69800 Saint Priest - France
Tél. +33 (0)4/72476180
Fax +33 (0)4/72470721
info.automation.fr@datalogic.com

AMERICA

DATALOGIC AUTOMATION Inc
511 School House Road
Telford, PA 18969-1196 - United States
Tel. +1-800-BAR-CODE or +1-215-723-0981
Fax +1-215-721-5551
info.automation.us@datalogic.com

DATALOGIC AUTOMATION Inc
Machine Vision
6301 Old Shakopee Road
Minneapolis, MN 55438 - United States
Tel. +1-952-996-9500
Fax +1-952-996-9501
info.vision.ia@datalogic.com

ASIA

DATALOGIC AUTOMATION Asia Ltd
Floor 20, Room 2017, Building 2,
16 West Nan San Huan Road,
Fengtai District, Beijing, China
Tel: +86 (0)21-5836 6692
Fax: +86 (0)21-5836 6695
info.automation.cn@datalogic.com

DATALOGIC AUTOMATION Asia Ltd
1108B, Blocks 5, Huayangnian Meinian Plaza,
West Nanhai Road, Nanshan District,
Shenzhen, China
Tel: +86 (0)755-8629 6779
Fax: +86 (0)755-8628 1280
info.automation.cn@datalogic.com

DATALOGIC AUTOMATION Asia Ltd
Suite 1301, Hua Rong Plaza,
1289 South Pudong Road, Pudong District,
Shanghai 200120 - China
Tel: +86 (0)21-5836 6692
Fax: +86 (0)21-5836 6695
info.automation.cn@datalogic.com

DATALOGIC AUTOMATION Asia Ltd
Unit 1-3, 7/F, Yuen Long Trading Centre,
33 Wang Yip Street West, Yuen Long, NT.
Hong Kong
Tel +852 2785/3912
Fax +852 2785/3913
info.automation.hk@datalogic.com

IDEC DATALOGIC.CO. Ltd
10-40, Mikuni-Honmachi 1-Chome,
Yodogawa-ku, Osaka 532 0005, Japan
Tel. +81(6) 6398/3200
Fax +81 (6) 6398/3202
www.idljp.com

AUSTRALIA - NEW ZEALAND
DATALOGIC AUTOMATION Pty Ltd
Unit 130, 45 Gilby Road
Mt Waverley
Victoria, 3149 - Australia
Tel. +61 (0)3/95589299
Fax: +61 (0)3/95589233
info.automation.au@datalogic.com

www.datalogic.com

ACCU-SORT SYSTEMS™

A brand of

DATALOGIC