ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Microscan / Siemens HawkEye HE1510* at our website: ***Click HERE***

SIMATIC HawkEye 1510

Smart Camera Reader Allows Flexible Lighting & Optics



simatic SENSORS

Product Summary

The SIMATIC HawkEye 1510 fixed-station reader delivers cutting-edge Data Matrix reading performance in a compact package that fits in the palm of your hand. Unique features such as the auto-learn capability and intelligent imaging simplify integration and deployment to provide easy setup, line changeover and maintenance.

Siemens' industry-leading decoding algorithms allow the HawkEye 1510 to robustly read damaged, distorted or otherwise challenging codes directly marked on a variety of surfaces at rates of up to 30 parts per second. Built-in verification also enables users to monitor mark quality on a real-time basis to ensure readability. In addition to Data Matrix, the HawkEye 1510 also reads and auto-discriminates a variety of other 1-D or 2-D codes.

The HawkEye 1510 can be configured with a variety of industry-standard C- or CS-mount lenses and lighting options to acquire high-quality images of Data Matrix codes applied on part surfaces via laser, dot-peen, inkjet, or other marking technologies. Its intelligent imaging selects optimum parameters for each new part, eliminating the need for user intervention often required to deal with part-to-part variations.

Brochure

Features and Benefits

- Ultra-fast, robust reading of direct part mark Data Matrix symbols and bar codes
- Compact, flexible mounting configurations
- In-line verification for immediate, definitive symbol quality control
- Ethernet networking for fast data capture and transfer

SIEMENS

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

SIMATIC HawkEye 1510
Smart Camera Reader

Product Summary cont.
The unique auto-learn feature allows users to easily and reliably train the unit in seconds. The powerful graphical interface permits users to remotely monitor and fine-tune performance, capture and review failed part images and other diagnostics, and remotely upgrade the reader's software.

The SIMATIC HawkEye 1510 comes standard with built-in Ethernet networking, serial communications, and enhanced digital I/O capabilities for triggering and easy integration with line equipment. The integrated networking enables remote monitoring and control from any location in the factory.

Applications
- Automotive powertrain component production
- Pharmaceutical and consumer goods packaging
- Aerospace component fabrication
- Medical device manufacturing
- Electronics assembly

Specifications
- Dimensions:
  1.75" H x 2.25" W x 3.70" L
  (4.45 cm H x 5.72 cm W x 9.40 cm L)
- Weight:
  0.55 lbs (0.25 kg)
- Optical Resolution:
  640 x 480 Pixels
- Working Distance:
  Dependent on lens selection
- Minimum Element Size:
  Dependent on lens selection
- Field of View:
  Dependent on lens selection
- Decode Capability:
  2-D: Data Matrix, PDF417
  1-D: Code 39, Cadabar, Code 93, I2of5, UPC/EAN, UPC-E, UPC Supplementals, Postnet, Pharmacode, Code 128
- Verification:
  Per AIM specifications
- Communications:
  Ethernet, RS232, Baud rates from 1200 bps to 115.2 Kbps
- I/O:
  1 opto-isolated input trigger
  3 opto-isolated outputs
  4 TTL level I/O
  Optional TTL level strobe output
- Speed:
  Up to 30 parts per second
- Operating Temperature:
  32°F to 104°F (0°C to 40°C)
- Storage Temperature:
  -4°F to 149°F (-20°C to 65°C)
- Humidity:
  Up to 95%, non-condensing
- EMC:
  EN61326:198 Class A
- Elec/Mech Safety:
  EN61010-2002

Sample Lighting Options
The HawkEye 1510 can be configured with a variety of Siemens lights, as shown in the sample illustrations below.



Siemens NERLITE dark-field ring light



Siemens NERLITE DOAL light

Siemens Energy & Automation, Inc.
3333 Old Milton Parkway
Alpharetta, GA 30005

1-800-964-4114
info.acuitycimatrix@siemens.com

www.siemens.com/simatic-sensors/mv

©2006 Siemens Energy & Automation, Inc. All Rights Reserved.
Siemens and SIMATIC are registered trademarks of Siemens AG. Product names mentioned may be trademarks or registered trademarks of their respective companies. Specifications are subject to change without notice.
ACFL-00008-0206 Printed in USA

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP