

vericam

Automatic Inspection Technology

- Easy to use
- Innovative new functions
- Full touch screen support
- Automated setup



vericam

Data Verification and Print Quality Control Has Never Been That Simple

With Atlantic Zeiser's VERICAM, 100% data verification and print quality control becomes as easy as 1–2–3. VERICAM combines the proven, unmatched performance of our industry leading camera algorithms, with the most advanced graphical user interface available in the marketplace.

Customers will enjoy peak productivity, minimum operator intervention and fast job change-over, helping to raise profitability of variable data printing applications to a new level. The VERICAM has been designed based on the latest advancement in ergonomics and usability research. It offers a truly easy to use, intuitive user interface. Job setup may be simply done via drag-and-drop on a touch screen – there is no additional keyboard or mouse required. Camera systems for data verification are used by Atlantic Zeiser in all business fields.

Typical Applications

- Anti-Counterfeiting, Track & Trace
- Read & Print; Print & Read
- Ticket Sequence Control
- Numbering Control for Security Documents

VERICAM at a Glance

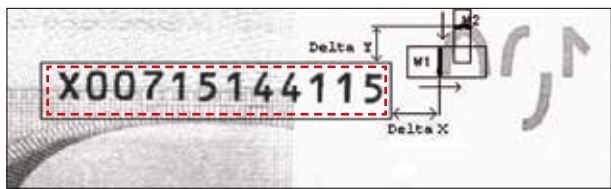
- Automatic setup functions
- Color selective filtering
- Excellent automatic bar code reading 1D/2D
- Multiple user levels (operator, plant manager, admin, etc.)
- Customizable production screens
- OCR/OCV including symbols
- Verification algorithms for challenging surfaces
- 100% control of production at full speed
- Read & Print, Print & Read
- Data correlation (optional)
- Secure audit trail: operator input logging (optional)
- Print color monitoring (optional)
- Upgradeability, compatibility with existing Atlantic Zeiser camera hardware
- Shape and label control
- Specific lighting and filters to cope with any background



Modular structure for customer-specific solutions – VERICAM in industrial use

Quality control of any font

VERICAM controls 100% of the production and detects the exact position of the string on the banknote or document, global contrast, alignment and angle of the string, right class of character and quality of the printing according to shape and contour as well as over-inking or under-inking.



Quality control of bar codes

To secure print quality the VERICAM system includes a bar code quality calculation. On requirement, bar codes can be checked inline during production according to generally accepted quality standards.



Numbering control for security documents

Numbering enables the individual identification of each security document. It is essential that references are readable and well printed.



Your Competitive Edge

- Production savings ► low operating costs, increased productivity, just-in-time production
- Investment savings ► easy to integrate/use of existing production equipment and conveyer bases
- R&D investment protection ► 100% control of production for 100% Anti-Counterfeiting

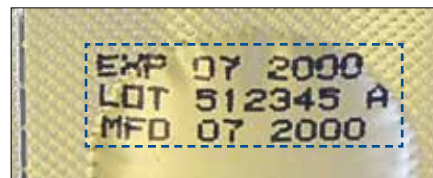
Sequence control for tickets, pre-paid and multi-voucher cards

The value of a ticket depends on the data printed on it. During production, it is necessary to monitor that the printed data are readable and match the print file.



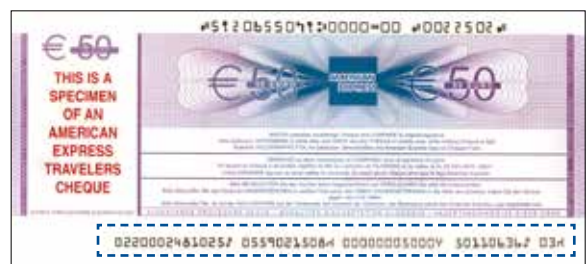
Conformity control

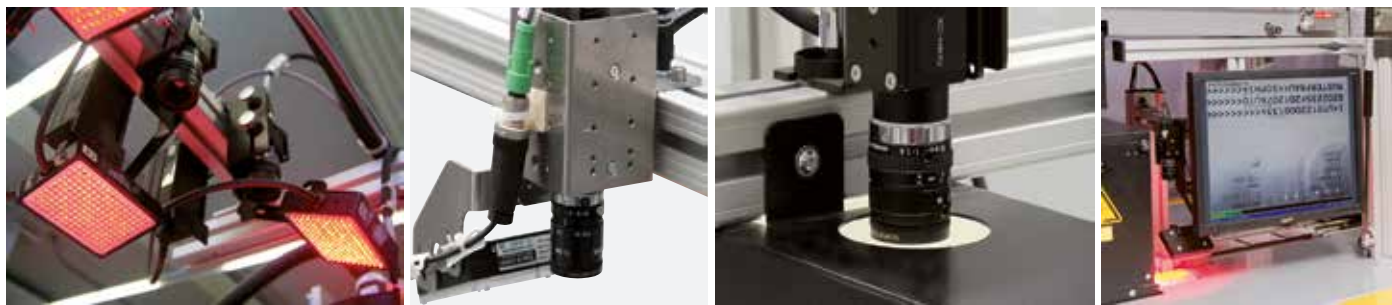
VERICAM system verifies presence and readability of characters according to an expected string of up to 3 lines. Specially developed algorithms guarantee reliable and fast evaluation, even under difficult conditions e.g. on blister packaging.



MICR certification for checks

In order to ensure proper magnetic identification of documents by the banks MICR numbers must be perfectly readable. VERICAM guarantees MICR certified readability.





| Technical Specifications | VERICAM |
|---|--|
| Type/Design | high resolution |
| Sensor Technology | CCD sensor, progressive scan |
| Evaluation Speed (cameras for high-speed applications on request) | up to 100 frames/s |
| Resolution (pixel) | up to 2000 x 1500 |
| Lens Mount | C-mount |
| Dimensions | 44 x 32 x 42 mm / 1.73 x 1.25 x 1.65 inches |
| Weight | 50 g, without casing |
| Ambient Temperature | -5 to 40 °C |
| Standard Delivery | camera, controller, LED-lighting white |
| Options | different camera types (speed, resolution, color); color LED-lighting; various camera filter |

Atlantic Zeiser's excellent service and support

- Efficient preventive and corrective maintenance
- Fast emergency and extended service support
- Installation and start-up support
- Remote service support and hotline
- Customized and individual after-sales service concepts
- Tailor-made service contracts
- Professional training and workshops
- Worldwide service network with local service teams incl. part and supply service
- Consulting

Atlantic Zeiser leverages its combined competencies to meet your requirements

- Management software solutions
- Inkjet printing systems
- Individualization systems
- Ink

ATLANTIC ZEISER Germany · Bogenstrasse 6-8 · 78576 Emmingen · Phone +49 7465 291-0 · Fax +49 7465 291-166 · sales@atlanticzeiser.com

ATLANTIC ZEISER Americas · 15 Patton Drive West Caldwell · New Jersey 07006 · Phone +1 973 228-0800 · Fax +1 973 228-9064 · sales@atlanticzeiserUSA.com

ATLANTIC ZEISER GB · 53 Central Way · Andover, Hants. SP10 5 AL · Phone +44 1264 324-222 · Fax +44 1264 324-333 · sales@atlanticzeiserUK.com

ATLANTIC ZEISER Italy · Via Varesina 174 · 20156 Milano · Phone +39 02 33497740 · Fax +39 02 33401413 · az@atlanticzeiser.it

ATLANTIC ZEISER France · 21-23, rue Eugène Dupuis-Europarc · 94043 Créteil Cedex · Phone +33 1 56711309 · Fax +33 1 43774430 · info@atlanticzeiser.fr

ATLANTIC ZEISER Iberica · C/ Manuel Pombo Angulo, 12 - 3ª - 6ª · 28050 Madrid · Phone +34 91 4336661 · Fax +34 91 5528916 · az_spain@atlanticzeiser.es

ATLANTIC ZEISER South East Asia · 13-10-G & M, Jalan 13/155B, Aked Esplanade, Bukit Jalil · 57000 Kuala Lumpur · Phone +60 3 89949901 · sales@atlanticzeiser-asia.com

ATLANTIC ZEISER China · 2nd Floor, Unit C, Jing Chang High-Tech · Info. Industrial Park No. 97 Chang Ping Rd. · Chang Ping District Beijing · Phone +86 10 82893051 · baz@beijing.com