

# vericam E

## Automatic Inspection Technology

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



# VERICAM E

## Data Verification and Print Quality Control Has Never Been That Simple

With Atlantic Zeiser's VERICAM E 100% data verification and print quality control becomes as easy as 1–2–3. VERICAM E combines the proven, industry leading camera algorithm with the most advanced graphical user interface available in the market. It offers an intuitive easy use by touch screen – there is no additional keyboard or mouse required.

The self-explaining interface enables the configuration of up to 8 regions of interest. Each of these regions can be set up individually and independent from the context. The drag and drop operation avoids configuration errors. The most widespread fonts, 1D and 2D bar codes are available. High-quality cameras are used. With this module you will have an advanced verification technology in place, making your print and personalization jobs more profitable by fast job change-over and by increasing machine availability at the highest quality standards.

### Typical Applications

- Read & Print; Print & Read
- Character and Pattern Control for Cards and Security Documents
- Inline orientation verification
- Anti-Counterfeiting, Track & Trace

### VERICAM E at a Glance

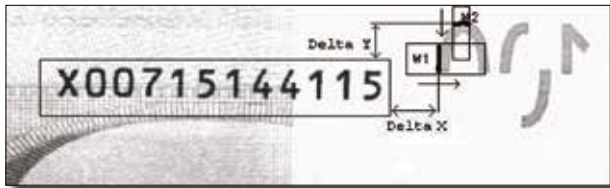
- Automatic setup functions
- Verifies both variable and fixed data and algorithms for different surfaces
- Automatic learning functions and plausibility checks
- User-friendly touch screen buttons
- Country specific settings for language and units
- Drag-and-drop configuration to avoid incorrect input
- Secure audit trail: operator input logging
- Multiple user levels (e.g. operator, admin, etc.) with customized user interfaces
- 100% OCR/OCV verification including symbols
- Excellent automatic bar code reading 1D/2D
- Indication of the quality of the checked bar codes
- Input rotation
- Comparison of background patterns
- Data correlation
- Color filtering to fade out difficult backgrounds (optional)
- Specific lighting and filters to cope with any background
- Realization of customer specific extensions (optional)



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

### Verification of bar codes, labels and fonts

VERICAM E offers the verification of 1D-, 2D-bar codes. To ensure print quality, the system includes a bar code quality calculation allowing inline checking of bar codes according to generally accepted quality standards.



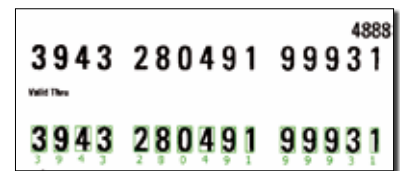
### Processing of rotated patterns

VERICAM E allows aligning the degree of rotation so that even patterns that are not printed or that cannot be printed straight are verified properly.



### Fading out of difficult backgrounds

The introduction of colorful artworks can make the detection of patterns that have to be checked difficult. VERICAM E has the ability to fade out difficult backgrounds and to isolate the pattern to check. This opens up a wide variety of possible layouts.



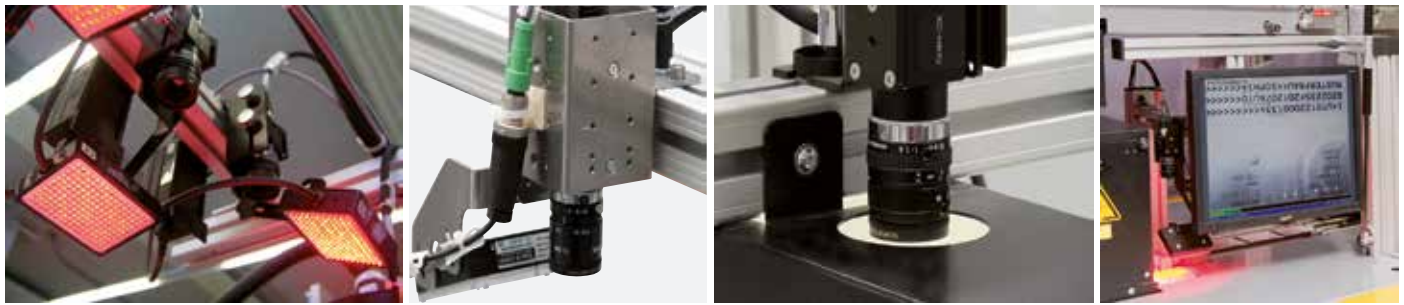
### Orientation Verification

This feature enables VERICAM E to reduce the spoilage of cards. Cards with the wrong orientation are logically marked. So they can be used further and are not rejected.



## 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



Technical Specifications	VERICAM E
Type/Design	high resolution
Sensor Technology	CCD sensor, progressive scan
Evaluation Speed (cameras for high-speed applications on request)	up to 30 frames/s
Resolution (pixel)	up to 2456 x 2058 (standard 1280 x 964)
Lens Mount	C-mount; CS-mount
Dimensions	40 x 40 x 35 mm / 1.57 x 1.57 x 1.38 inches
Weight	110 g, without casing
Ambient Temperature	0 to 45 °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

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