

The company

EyeC is a leading vision technology company based in Hamburg, Germany. We are focused exclusively on high performance artwork and print inspection systems aimed to assure the highest quality standard throughout the design and printing process.

Our R&D and Customer Support staff consists of highly skilled and experienced engineers, graduated in either Electronic Engineering and/or Computer Technology with long experience in industrial inspection applications. Our products are based on the latest pattern recognition technology and are designed to meet the needs of design houses, the printing industry, and their customers. They have been developed in close

cooperation with actual users, with a strong emphasis on speed, reliability, and ease of use. Our software is produced in conformance to applicable ISO 9001, GMP and GAMP 5 guidelines, and contains all functions necessary for validation according to the guidelines laid out in 21 CFR Part 11 and EU GMP Annex 11. EyeC systems are in use at numerous customers in the printing, pharma, cosmetic and other industries across the world, producing offset printed inserts, folding cartons and flexographic self-adhesive labels for food, cosmetic, medical and pharmaceutical applications.



The EyeC History

- | | | | |
|------|--|------|---|
| 2003 | EyeC Profiler 400 for off-line inspection | 2014 | EyeC ProofRunner Carton Retrofit & Web |
| 2005 | EyeC Profiler Braille Inspection, Barcode inspection | 2015 | EyeC ProofRunner Sheetfed Retrofit |
| 2006 | EyeC ProofRunner for in-line inspection | 2017 | EyeC Workflow Integration & EyeC Quality Link |
| 2007 | Color distance measurement | 2022 | EyeC ProofRunner HighLight Series & EyeC Profiler RS |
| 2008 | 2D-Code Inspection | 2024 | EyeC Profiler 1200 DT & EyeC ProofRunner AI Defect Classification |
| 2009 | EyeC ProofRunner Carton and Inspection for Variable Data | 2025 | EyeC ProofRunner Evo |
| 2012 | In-line inspection of sheet offset machines, In-line color control | 2026 | EyeC Profiler Graphic Connect |

Contact us. Worldwide.

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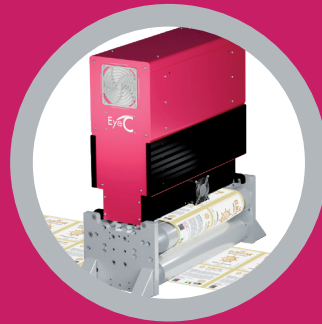
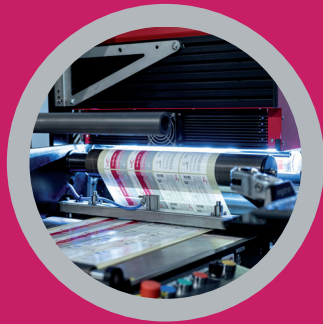
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www.EyeC.com



Your Vision for Quality.

EyeC ProofRunner



EyeC ProofRunner

100% verification – print and content

Finally there is an easy way to check all your prints against your customer proof! With an EyeC ProofRunner Web you get automatic 100% inspection of all items across the web, content verification against your customer proof as well as the best mix-up prevention you can imagine – right on the press or on a rewinder. With the ProofRunner Carton, you can inspect 100% of your folding cartons directly during the finishing process – defective cartons are immediately sorted out

The process is simple and yields accurate results; so you can rest assured that you will print or process exactly what your customer expects. Inspection results are instantly available and can be used for immediate corrective action. This gives you the means to completely control and monitor your printing process and to avoid waste. In short: 100% inspected, 100% verified and 100% compared to the customer proof!

Easy to use

The EyeC ProofRunner has been designed with ease of use in mind. Any print machine operator can perform a meaningful in-line inspection within minutes.

- The customer proof is loaded automatically based on the entered job data.
- All items across the web are automatically identified.
- Irrelevant areas are automatically disregarded

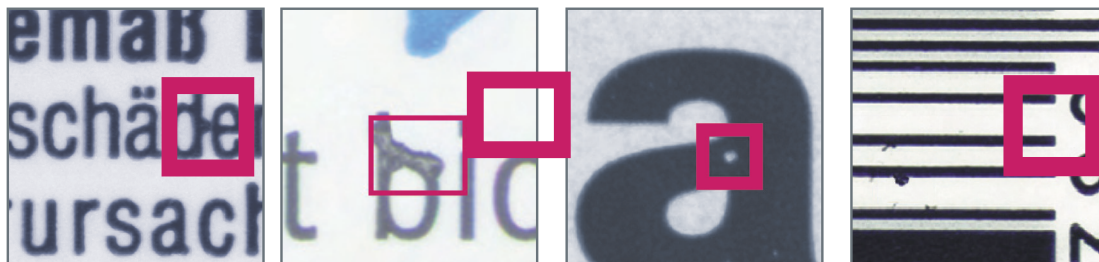


- Significant deviations are brought to the operator's attention.
- A full job report is instantly available.

Smart & Intelligent

The EyeC ProofRunner uses a compact, high speed line scan camera to continuously acquire a high resolution image of the entire web. A high performance computer system then identifies all printed items and tracks them through the entire print- or converting run. The same computer also performs an intelligent comparison of each printed item against the customer proof.

The EyeC ProofRunner's advanced pattern analysis is capable of distinguishing between different types of defects, ensuring that any significant deviation is detected and flagged, while acceptable variations caused by the printing process itself – such as minor registration errors or small marks around individual letters – can be automatically ignored. The AI support available for the ProofRunner Web can identify the type of defect and distinguish relevant defects from irrelevant ones. Only those deviations that the user needs to see are displayed to the operator – saving you time and making your work more efficient.



Examples of flaws

Reliable

The EyeC ProofRunner detects all typical defects, such as: missing letter segments, filled-in letters, ink spots, smudges, missing ink, stains, color deviations, as well as defects in embossing or foil stamping. Whether standard or luxury packaging – our scalable system ensures you are prepared for all types of packaging. Thanks to the integration with prepress and the signed customer proof, it can even detect defects attributable to prepress errors, such as: typos, swapped colors in graphic elements, incorrect fonts or font attributes, incorrect character spacing, missing special characters, or accents.

Flexible & Scalable

The use of different parameter sets allows the EyeC ProofRunner's sensitivity to be adapted to product or customer specific quality standards. And the ProofRunner system is scalable – from the Evo as the base system, through the Highlight, all the way up to the Highlight UHD for the most demanding requirements – you can easily upgrade the components at any time.

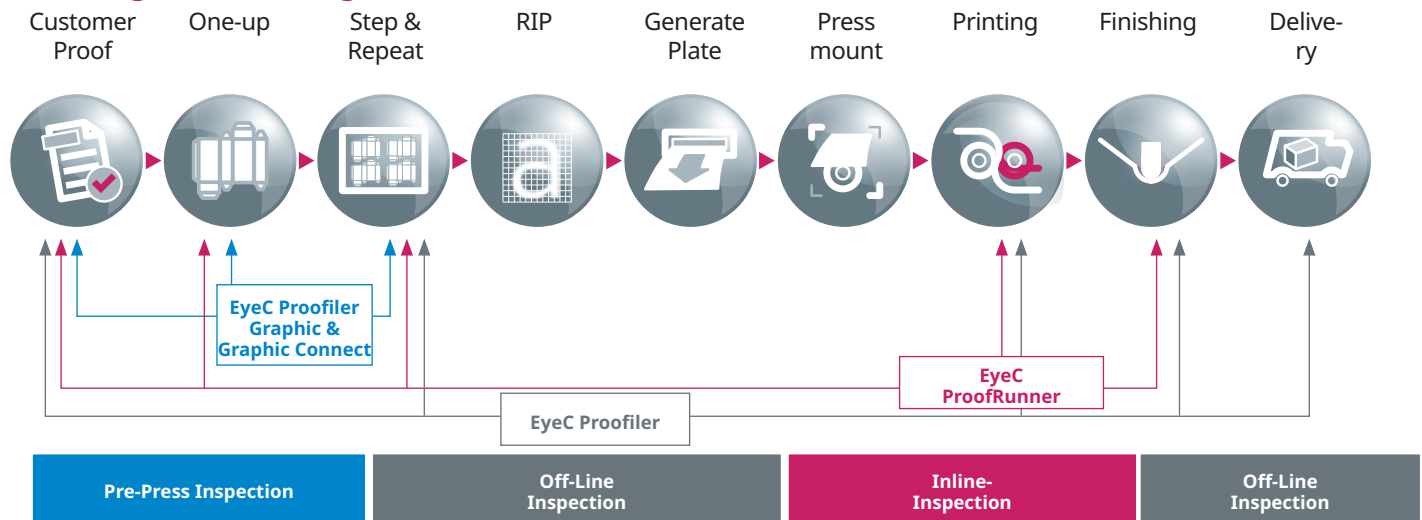
Comprehensive

The EyeC ProofRunner gives you the advantage that you can be sure to print and deliver exactly what your customer expects - with the best ROI on the market.

Key Features

- ✔ 100% job inspection
Ensures quality and keeps customers satisfied.
- ✔ Sustainability meets Quality
Meet all quality requirements while limiting waste.
- ✔ Scalable System
From Standard to Luxury : We addresses the different market needs.
- ✔ AI included
Our pre-learned AI instantly boosts your efficiency and saves you time & money.
- ✔ Comprehensive inspection report
Keeps track of inspection results and certifies quality.

The Design and Printing Process



Technical specifications*

EyeC ProofRunner Web & Carton				
	Version	Evo	Highlight	Highlight UHD
Camera		4k color	4k color	8k color
Available Inspection Widths	Standard	450 mm (17.71")	450 mm (17.71")	450 mm (17.71")
	Optional	600 mm (23.6") 800 mm (31.5")	600 mm (23.6") 800 mm (31.5")	600 mm (23.6") 800 mm (31.5")
Example	Inspection width	450 mm (17.71")	450 mm (17.71")	450 mm (17.71")
	Camera	4k color	4k color	8k color
	Resolution	231 dpi	231 dpi	462 dpi
	Smallest detectable defect**	0.22 mm (0.009")	0.22 mm (0.009")	0.11 mm (0.004")
	Max. speed	425 m/min (1,394 ft/min)	425 m/min (1,394 ft/min)	300 m/min (984 ft/min)
		Web	Carton	
Software Options	Checks against customer proof	optional	included	
	Autom. definition of priority regions	optional	optional	
	EyeC Quality Link	optional	n/a	
	AI-powered Defect Classification	included	n/a	
	Color monitoring	optional	optional	
	1D and 2D code reading	optional	optional	
	Variable code tracking	optional	optional	
	Variable data inspection	optional	optional	
	Additional live web view	optional	n/a	
	Defects heatmap	optional	optional	
	Distance measurement	optional	optional	

* These technical specifications are based on standard assumptions. All values provided are to our best knowledge at the time this sheet has been created and subject to change without further notice.

** At a difference of at least 50 gray scale levels.

The EyeC ProofRunner

- is objective and easy to use
- performs 100% job inspection
- asserts consistency between all printed objects that are printed simultaneously
- gives you 100% mix-up prevention
- comes with pre-trained AI to boost your efficiency.
- gives 100% assurance that the print is identical to the signed off customer proof
- is fully validatable
- can be upgraded from Evo to Highlight and Highlight UHD as your needs grow