detectionX

Discover possibilities of artificial intelligence

Tire, rim and vehicle
data captured holistically,
digitize and use.

detectionX

⌐ DISCOVER ARTIFICIAL INTELLIGENCE ∟

A brand of

Räder123 GmbH
Pfingstanger 8
37412 Herzberg am Harz | Germany

Phone
+49 (0) 5521 / 99 8 58 33

E-Mail
info@raeder-123.de

⌐ WWW.DETECTION-X.DE ∟

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DISCOVER ARTIFICIAL INTELLIGENCE

Faster processing

Capture documents and data significantly faster and more efficiently

Error minimization

Avoid making mistakes with this manual input of data

Cost saving

Error-free recording in seconds saves costs for corrections

Efficient processes

Also your customers will benefit from personal time savings

Discover new, smart solutions.

With detection-X, räder-123 GmbH has developed an artificial intelligence that works similarly to the human brain, with help of neural networks. This opens up numerous possibilities for digitization of information from everyday life in the tire industry.

Gathering information manually takes time and, in many cases, money. But we live in a time where more and more data from different sources has to be integrated into our working systems. Recognizing information and capturing the data is the greatest challenge. Regardless of whether there are incoming receipts, customer data from vehicle registration documents or complete forms and letters, data must be extracted and transferred to an existing system. The available documents are often too demanding for conventional OCR text recognition.

The AI-based, digital data collection from detectionX is the solution!

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räder-123 GmbH was founded in 2021 as a startup with the aim to develop digital solutions for the tire and wheel industry. Since the young company also offers solutions for the finance, insurance companies and car-workshops as well as -suppliers.

The founding members bring their specialist knowledge from computer science or research and science in the field of artificial intelligence on the one side and of the tire wholesale and specialist trade on the oder side into the company. This ensures that the solutions developed are state-of-the-art in research and at the same time tailor-made to the needs of the tire industry.

The previously available modules F-Scan, R-Scan and D-Scan will be constantly adapted, further developed and, if desired, individualized to the challenges of customers. So let's get in contact!

Discover the world of detection-X.

F scan

With the F-Scan, you can read your customers' vehicle registration documents in a matter of seconds and transfer the data directly into your system. The developed AI called detection-X works with neural networks and recognizes the printed text even if it is difficult to read on the vehicle registration document due to wear and tear. The information read out in this way where transferred to your management system in a structured and error-free manner via an interface. This saves you time when accepting customers and avoids errors when entering customer data. Digitize your processes with the vehicle registration scanner from detection-X and easily transfer data, e.g. from the app, to your system within seconds.

Compatible with almost every system

Flawless identification

No downtime in customer contact

R scan

With the R-Scan all data from the tires sidewall can be recorded when incoming and outgoing as well as during customer acceptance or storage in a few seconds and precisely with one image. The artificial intelligence analyzes the tire and transfers all the product information shown on the sidewall to your system including DOT and other specific information.

DOT
Recognizes DOT information

M+S
Captures all markings

simply storing and outsourcing tires

D scan

Capture complex documents in seconds and process them with the help of the artificial intelligence of the D scan. Regardless of whether it is an individual letter, contract or simple invoice document: the AI captures the content and transfers the essential information to your system for further processing.
Let's simplify the complexity together. Just contact us!