

RAYPACK[®]

A.I. ARTIFICIAL SOLUTIONS

AI CAM

RAYPACK AI Cam

The RAYPACK AI Cam provides businesses with a cheap, versatile and ready-to-deploy solution for a broad range of problems. From visual quality control to predictive maintenance, our AI Cam makes it possible without involving IT-support or data scientists.

The simple design of our RAYPACK.AI platform enables you to train and deploy the AI Cam yourself without any experience in data science whatsoever, while still offering flexibility for AI experts. You can decide if you want to process the data in our cloud or embed the whole process into your existing system on premise. We provide businesses with the capabilities to use the enormous potential of AI models, without creating AI dependencies.

Use Cases

RAYPACK AI Cam can be used in several business applications:

- Estimating the number of persons in a crowd (e.g., visitors or costumers)
- Detecting the number of parking spots in a parking lot
- Identifying inadequate workpieces at an automotive supplier

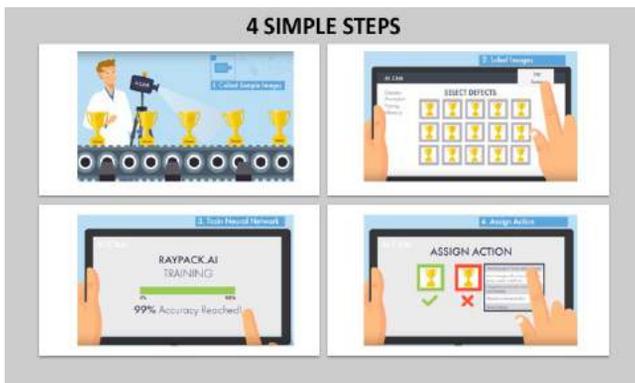


Figure 1: The training images acquired with the AI Cam can be conveniently set in action in 4 simple set-up steps.

Setting up the AI Cam

You only need four simple steps to get started with the AI Cam:

1. Set up the AI Cam and record a number of training images
2. Label the training images using the vision tools of our RAYPACK.AI platform.
3. Train the AI model with the labeled training images. This can be done with additional Hardware on-premise or on our platform.
4. Assign an action if the AI Cam spots, e.g. an inadequate workpiece or anything else you would want to detect (Fig 2).

With these four easy steps, you gain the whole power of AI for the automatization of processes within your business, increasing productivity and decreasing costs.



Figure 2: After the training, the AI Cam can detect, e.g. small workpieces and automatically alert employees.

Privacy Regulations

All RAYPACK solutions offer anonymization of images and videos before storage, facilitating compliance to the European General Data Protection Regulation (GDPR). The AI model analyzes the acquired data in real time, and only the relevant output is stored in a vectorized form.

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Key Features

The RAYPACK AI Cam provides several advantages as indicated below:

- Works with images, VOD or live streams
- Provides easy to use JSON or rendered images as output
- License on-premise or cloud
- Supports CPU, GPU Desktop and ARM
- Simple to embed in existing systems
- GDPR compliance facilitated

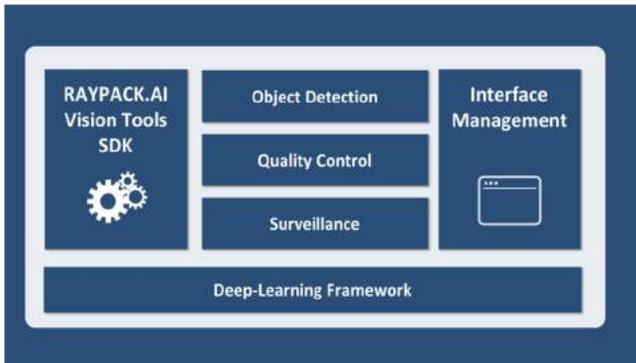


Figure 3: On top of Deep-Learning models our RAYPACK AI platform offers a variety of tools designed to increase the efficiency of your workflow.

Architecture

Besides our ready-to-deploy models, our RAYPACK AI platform offers:

- An intuitive user interface and API
- RAYPACK Vision Tools SDK to simplify the import and usage of images and videos
- Surveillance and quality control of deployed models

The platform is designed to facilitate accessibility for AI novices and help experts to gain the highest possible flexibility. Together with our hardware partner [Rebotnix](#), we leverage extensive knowledge in the deployment of AI models.

Want to know more?

Are you interested in learning more about RAYPACK AI CAM and try it yourself? Visit our website and check out our informative video on <https://raypack.ai/videos>.

About RAYPACK

Having an experience of over 15 years in Big Data and Visual Analytics, our team has been continuously developing the roots of RAYPACK.AI to meet the market needs perfectly.

With substantial expertise in Visual Computing, we focus on bringing together AI and businesses by offering customized, highly scalable AI software solutions that power manufacturing, quality control, and other fundamental business processes.



Contact us

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