Adaptive Vision
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Deep Learning OCR

Adaptive Vision 5.1 Deep Learning OCR is the answer for challenging character recognition projects, in which complex non-uniform backgrounds, blurred, damaged, distorted or obscured characters or reflective metal surfaces make it impossible to use traditional OCR techniques.

The tool comes with a ready-to-use neural network pre-trained using thousands of different image samples. It can achieve up to ~97% accuracy straight out of the box, even when dealing with really difficult cases, and enables the user to create a robust OCR application in just a few simple steps without the need for machine vision expertise.

Key features:

- **Ready-to-use, comes with a pre-trained neural network**

- **Can deal with difficult OCR cases, impossible to achieve using traditional methods**

- **Very high accuracy straight out of the box**

- **Easy to use, no need for machine vision expertise**

- **Works both on NVIDIA GPU and CPU**

Application Examples

- Blurred, damaged, distorted, overlapped or obscured characters
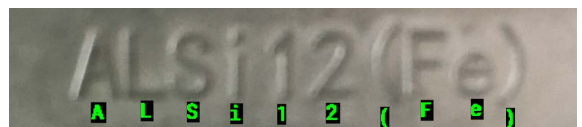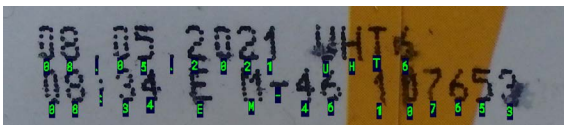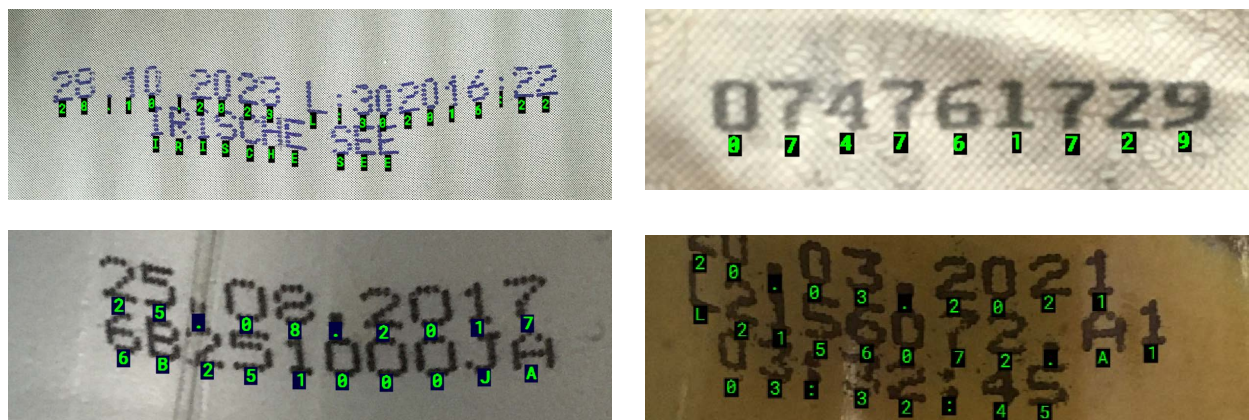

- Complex non-uniform background
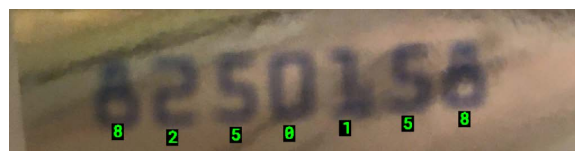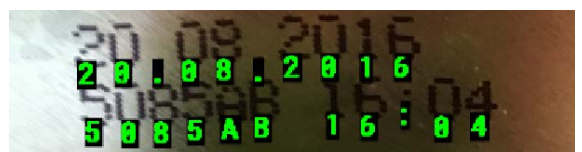
Application Examples

- Reflective metal parts or surfaces with embossed, engraved, etched or printed codes. Non-uniform or changing lighting

- Characters on wavy or crumpled surface

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