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## README file

Data Set Title: **REMODEL. WP4. Vision Based Perception. T4\_3. Cable Detection And Tracking. Electric Wires Dataset: Training and Test sets for Image Segmentation. v0**

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## Data set Contents

The data set consists of:

- 1 compressed folder, named **REMODEL.zip**, containing 57300 image files (124 in .jpg format, the others in .png format). The size of the compressed folder is 36.6 GB.
- 1 README file saved in .pdf format  
**REMODEL\_WP4\_T4-3\_UNIBO\_20210409\_wires-image-segmentation\_README.pdf**

## Data set Documentation

### Abstract

The dataset contains data for semantic segmentation of electric wires with domain independence, generated in the framework of REMODEL project. The dataset is automatically generated using chroma-key technique and contains 57300 images (where 28650 are RGB images and the other 28650 are the corresponding ground truth binary masks).

### Notes

- the size of the dataset is 39 GB;
- an identical copy of the dataset is available at Kaggle.com (<https://www.kaggle.com/zanellar/electric-wires-image-segmentation>).