Image classification model training method

In addition to the models built in WonderCam, you can train models to customize image classification.

1. Getting ready

1.1 Preparation of the trained picture

Prepare pictures for training.

Take photos of objects and patterns that you want to classify at different angles and directions. And then save and name the files according to different classification. Save all the files in one folder.
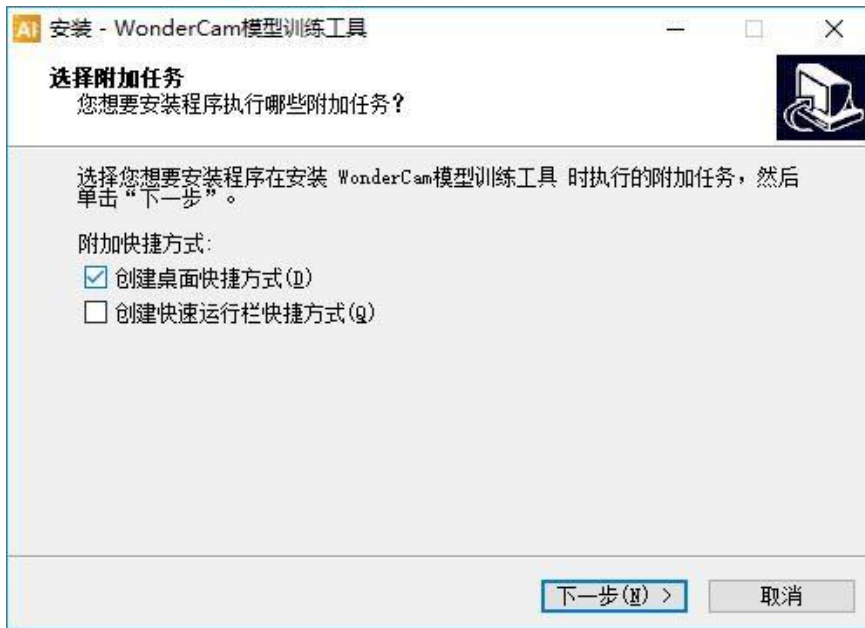
Pleas add the number in front of the name so that the ID will be arranged by serial number during training.

Save the background pictures in the folder "01 Background". When the background photos are not recognized as classified pictures by the system, they will be judged as background, which can improve the accuracy of recognition.

1.2 Software Installation

1) Open "WonderCam model train tool" in the folder of image recognition model train method.

2) Select installation language

3) Follow the prompts to install.

2. Training steps

Please open WonderCam model train tool and load pictures. Click " load the training picture" and select the folders with trained pictures.

And then the training software will display the path of folder selected, classification IDs and the total number of pictures. After loading, click the "Start Training" button.

After training, the button "Start Training" will change to "Training, click to stop". Click "Detailed information" to check the training process. The training time depends on the number of pictures to be trained.