

Lesson 8 Feature Learning

1. Instructions

WonderCam can learn and record the features of an item and do comparison between real time image and the learned images. This function can be used to judge whether the two images are the same.

2. Number Recognition Operations

2.1 Enter Function

Push Navigation button to Image Classification menu.

2.2 Recognizing Landmark

In this function, WonderCam need to learn the image first. If the image detected had not been learned before, it will display value of "ID:0 P:0.00".

Step 1: Push Function Button to the Left to enter the function. The ID number on the bottom are used to mark the learn features. A "+" sign will appear in middle of screen with value of "ID:0 P:0.00" because there is no ID learn yet.

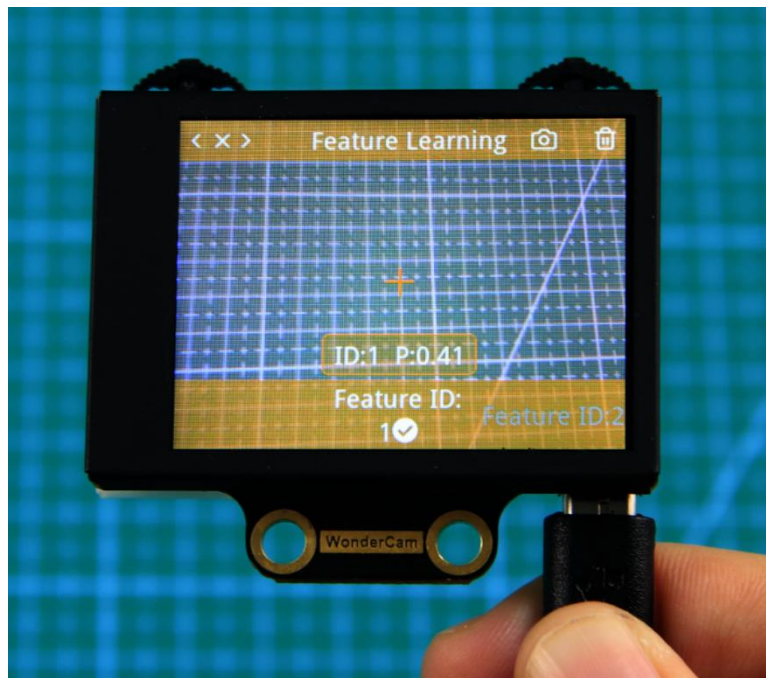


Step 2: Move the module to adjust the image and then press Function Button to start the learning process.



Step 3: ID and P have their values after learning. P is the value to signify the trust value. The highest value is 1.0 being closest matched.





Note: To Learn multiple objects, ensure there are distinctive differences in the features with other ID. When multiple ID are learned, the result will show the highest matched ID and matching value.

2.3 Delete Feature ID

To delete a Feature ID, in Feature Learning menu push Function Button to the left to enter Learn mode.

Navigate to the Feature ID to be deleted and push Function button to the right towards Bin icon to delete.

Push Function button down to select OK to exit.