

Study Pack with HUSKYLENS and micro:bit

V2

KIT0179-EN-1

Product Overview

01/25/2023

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

DFRobot Study Pack with HUSKYLENS and micro:bit V2 features 25 fun projects in 12 lessons and 28 teaching cards that help to learn the AI image recognition function easily. This study pack contains face cards for face recognition projects, color cards for color recognition learning, and barcode cards for studying lessons like self-service checkout.

The KIT0179-EN-1 study pack aims to extend the capabilities of HuskyLens and help students learn knowledge related to AI image recognition in an enjoyable and engaging way. The study pack also comes with cards of other types like animals, plants, QR codes, objects, and gestures.



Features

- A variety of tutorial cases
- 25 fun projects in 12 lessons
- 28 teaching cards help to learn the AI image recognition function easily
- Cards:
 - People, colors, objects, barcodes, labels, QR codes, and object tracking

Kit Contents

- Study pack:
 - 1x IO Extender for micro:bit
 - 1x Gravity: Vibration Motor Module for Arduino
 - 1x Gravity: Voice Recorder Module
 - 1x Stereo Enclosed Speaker - 3W 8Ω
 - 1x 9g 180° Micro Servo (1.6kg)
 - 1x Bistable LED Switch - Blue
 - 1x RGB Full Color LED Strip
 - 1x Micro USB Cable

Kit Contents

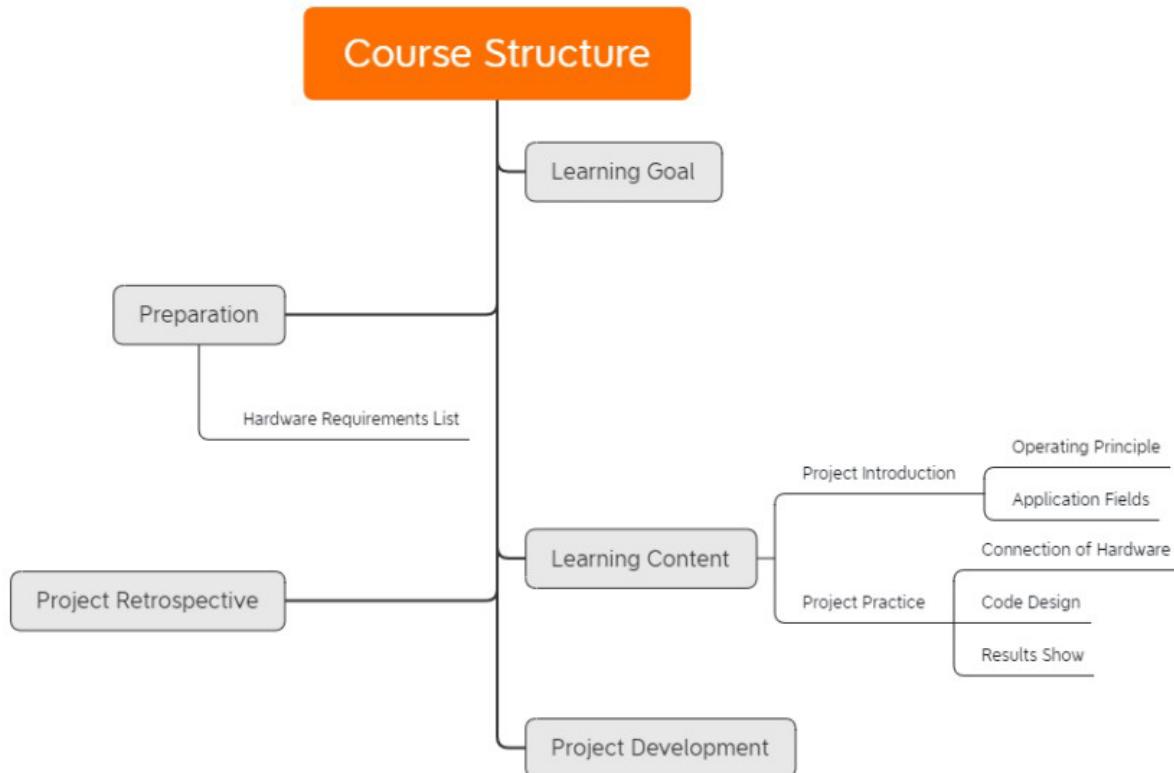
- 4x Gravity: Digital Sensor Cable for Arduino
- 1x Gravity: Analog Sensor Cable for Arduino
- 5x Face Card
- 7x Color Card
- 4x Object Card
- 3x Barcode Card
- 3x QR Code Card
- 3x Object Tracking Card
- 3x Label Card
- 1x Plastic Round Snap Ring
- HUSKYLENS:
 - 1x HuskyLens Mainboard
 - 6x M3 Screws
 - 6x M3 Nuts
 - 1x Small Mounting Bracket
 - 1x Heightening Bracket
 - 1x Gravity 4-Pin Sensor Cable
- micro:bit:
 - 1x micro:bit V2

Training Cards



Course Structure

The course structure clearly describes how a lesson is implemented, which can help to build up projects conveniently.



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dftobot-kit0179-en-1-study-pack-huskylens/>