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# Horned Sungem Artificial Intelligence Vision kit

SKU:DFR0599

## INTRODUCTION

Horned Sungem, based on Plug and AI concept, is an artificial intelligent vision kit devoted to allowing people to learn and create AI applications with ease. Without any dependency on deep learning frameworks or complex libraries, your device will be ready to see and understand the world after you plug HS into the USB port and run a short installation script.

Using a unique and integrated front-end design, Horned Sungem is able to analyse and detect objects, faces, etc. from the captured images, in real-time. Horned Sungem packages complex development processes like neural network training, thus eliminates your cost of learning AI technology, makes it pleasure to DIY creative AI applications such as intelligent cameras, smart robots, and so on.

Horned Sungem integrates Intel Movidius MA245X convolutional neural network accelerator. It is able to achieve high performance at low power consumption. The product supports neural network frameworks such as Tensorflow, Caffe, Darknet, etc.

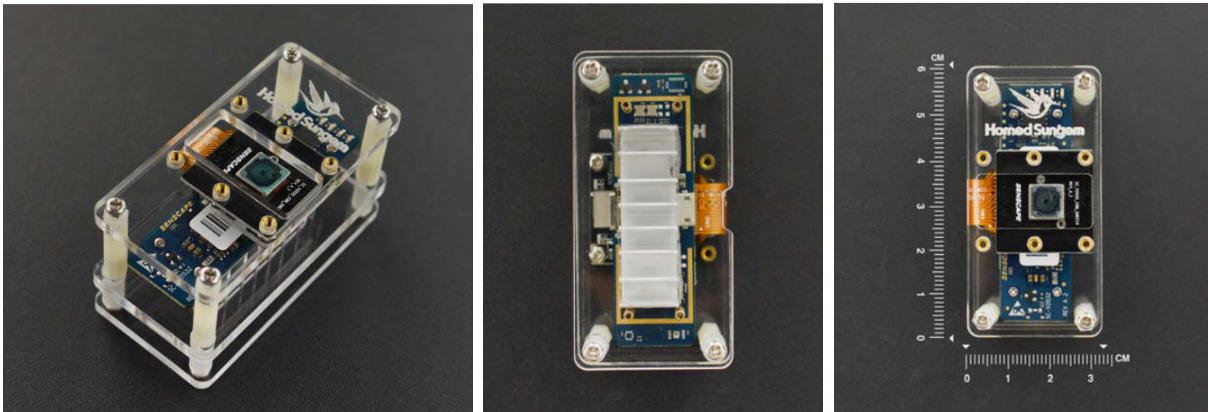
What's more, to serve anyone who is willing to create AI applications, it supports most platforms such as MacOS, Linux (Ubuntu, Raspbian), Android, Windows.

## SPECIFICATION

- Processor: Intel Movidius MA245X Convolutional Neural Network(CNN) accelerator
- RAM: 512MB
- USB Type-C USB 3.0 Connector
- Camera Resolution: 1920x1080 or 640x360
- Power Consumption: less than 3W
- Weight: less than 10g
- Dimensions: 63x33x38mm/24.8x13.0x15.0"
- Support OS: Ubuntu, CentOS, Fedora, TK1, MacOS, Raspbian (Raspberry Pi)

## SHIPPING LIST

- Artificial Intelligence Vision kit x1



<https://www.dfrobot.com/product-1866.html?search=DFR0599/7-12-19>