

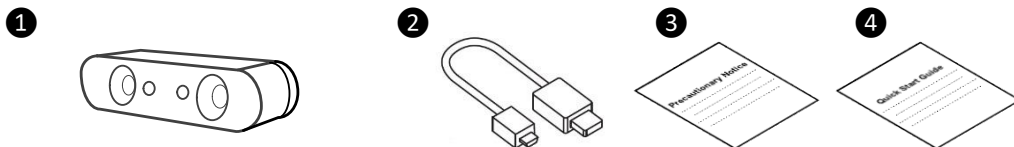
Depth Camera

Quick Start Guide

This document contains technical information for the dual-sensor stereoscopic camera using the eYs3D's eSP876 depth map processor. The camera can provide either or both color video and/or depth map video streams. The camera output is UVC 1.5 and USB 2.0/3.2 Gen 1x1 standards compliant. The camera can provide high data-rate video streams transmission without needing additional drivers. The camera can be used in wide range applications such as AR/VR/MR, People/Object Counting and Robot/Drone Object Avoidance. This compact-size camera is a reference design of the eSP876 depth map processor and allows users to validate the full functionalities of its color/depth map data. The camera also incorporates IR illuminators that can project dot patterns on the surface of objects as the reference spots for the depth map process.

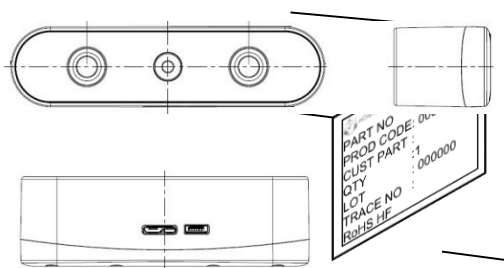
① Packing List

Component	QTY	Description
① Depth Camera	1	Stereo Depth Camera outputs image and depth map with UVC compatible USB: USB 3.2 Gen1 x1 type Micro-B or type C receptacle
② USB Cable	1	USB 3.2 Gen1 x1 type Micro-B or type C to type A cable length in 1.5m
③ Precautionary Notice	1	Notice item should be read before start
④ Quick Start Guide	1	This document



② Product Infographic

Camera Drawing



Box Labels

View

*All drawings shown are for illustration purpose only. Actual product may vary.

DISCLAIMER

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③ Operating Procedure

Read documents

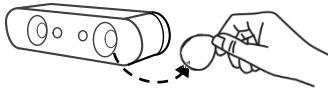
Read the Quick Start Guide & Precautionary Notices carefully before setting up the hardware.

Software for Evaluation and Development

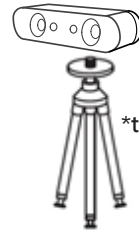
1. The eYs3D Windows®, Linux and Android SDK is available for the evaluation and development use. Please contact your local reseller or technical support for more details. The SDK may be downloaded from GitHub (or the www.eyes3d.com website).

④ Hardware Setup

- ❶ Carefully detach the protector sheet from the camera

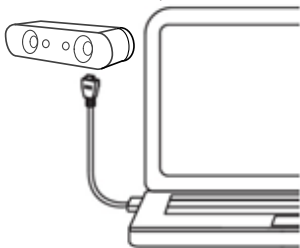


- ❷ Install the camera on a tripod if desired

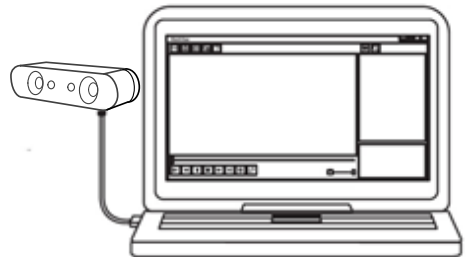


*tripod is not included

- ❸ Connect the USB cable between the camera and the computer



- ❹ Download and Launch the SDK software



CLASS 1
LASER PRODUCT

21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019 (*see product datasheet for the compliance data)

Contact Information

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