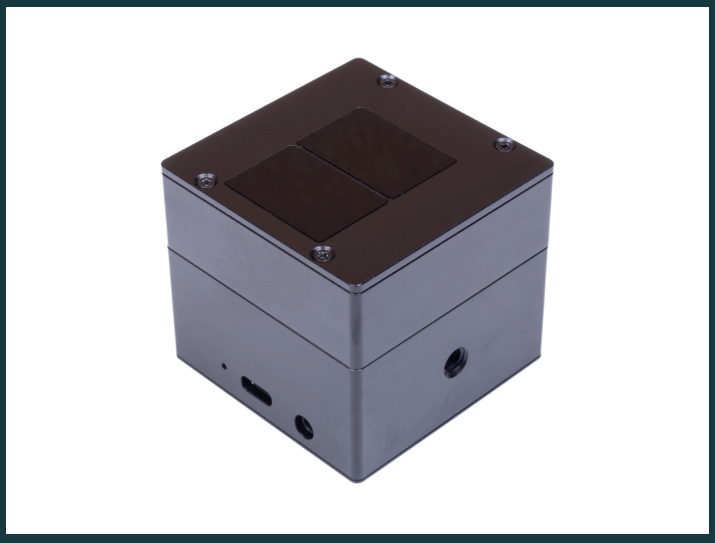
seeed studio

INDUSTRIAL PRODUCT DATASHEET

DepthEye Wide - H100° x V75° VGA ToF Camera with Sony IMX556PLR DepthSense™

The IMX556 is a fully integrated optical Time-of-Flight (ToF) camera sensor.

SKU	UPDATED	PRICE
114992563	2026-11-11 08:36:46	$599.00(Excl. VAT)



Overview



The IMX556 is a fully integrated optical Time-of-Flight (ToF) camera sensor. The sensor features 640 x 480 (VGA) time-of-flight pixels based on the DepthSense® pixel technology. This DepthEye Wide camera provides a 100-degree view in the horizontal direction, and the detection range is 0.3m ~ 2.5m. [attention icon] https://s3-us-west-2.amazonaws.com/static.seeed.cc/seeed/icon/Note.svg Check out our new arrivals! reComputer Jetson-10-1-H0 built with Jetson Nano Production Module, reComputer Jetson-20 built with Jetson Xavier NX Production Module also includes on-device carrier board and heatsink.

Key Features

01 **Back-illuminated Time-of-Flight (ToF) image sensor**

02 **High signal to noise ratio (SNR)**

03 **Full resolution @max60 fps (4phase/frame)**

04 **Pixel binning readout function**

05 **Independent flipping and mirroring**

06 **Built-in temperature sensor**

Product Gallery





Resource Links

- https://www.seeedstudio.com/DepthEye-Wide-ToF-Camera-with-Sony-IMX556PLR-DepthSense-p-4809.html
- Datasheet
- GitHub Repo

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com