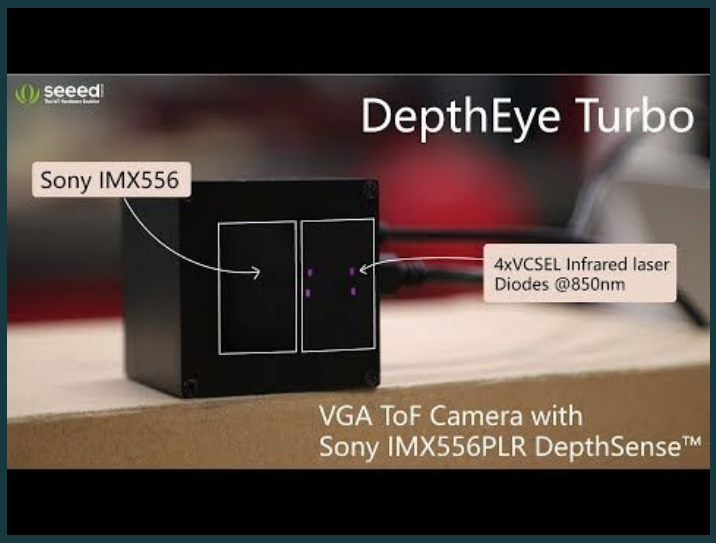
seeed studio

INDUSTRIAL PRODUCT DATASHEET

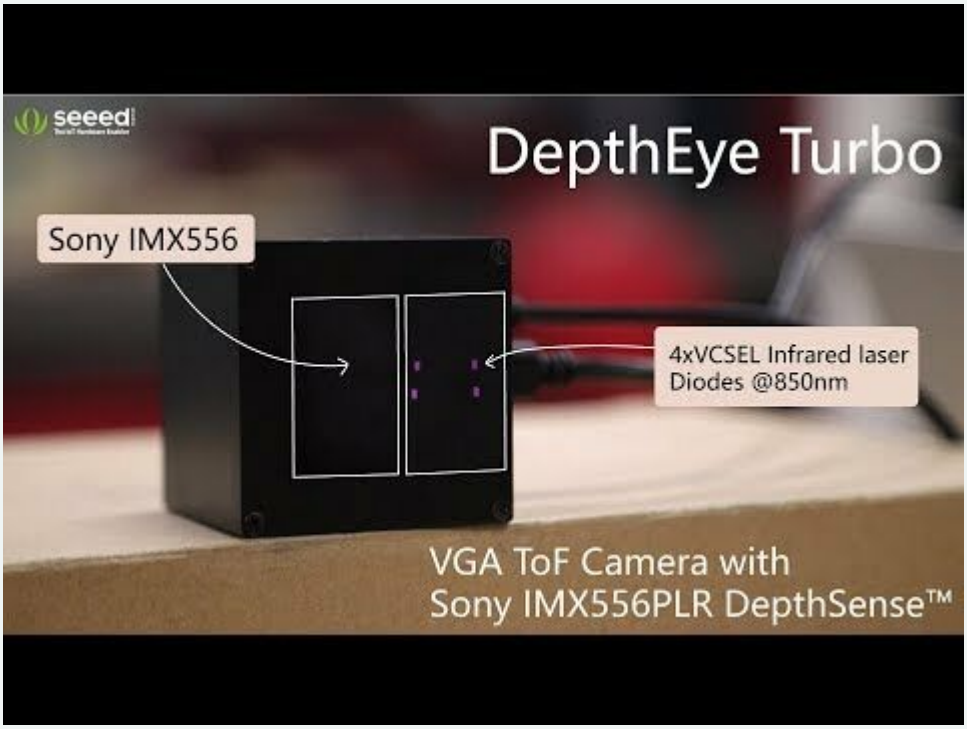
DepthEye Turbo - VGA ToF Camera with Sony IMX556PLR DepthSense™

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

SKU	UPDATED	PRICE
114991967	2026-11-11 08:19:24	$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. Combined with a modulated light source, this sensor is capable of measuring distance and reflectivity with VGA resolution. [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 image sensor ♦High signal to noise ratio (SNR)**

02 **Full resolution @max60 frame/s (4phase/frame) ♦Pixel binning readout function**

03 **Independent flipping and mirroring**

04 **Built-in temperature sensor**

05 **Unit cell size**

10.0 um (H) × 10.0 um (V)

06 **Operation temperature**

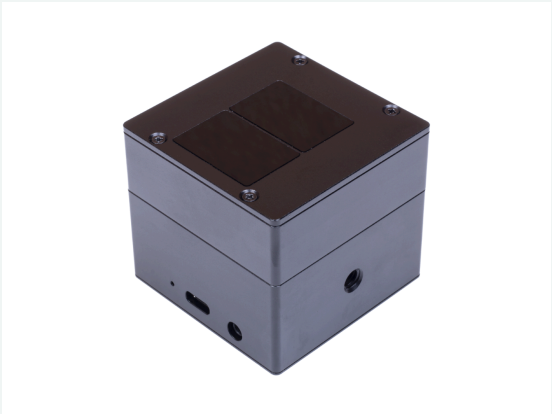
-30 to +75° C

07 **Performance guarantee temperature**

-10 to +60° C

Product Gallery







Resource Links

- https://www.seeedstudio.com/DepthEye-Turbo-VGA-ToF-Camera-with-Sony-IMX556PLR-DepthSensetm-p-4129.html
- Github
- DepthEye Turbo

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