Arducam USB3 UVC camera Module Promotion is now on!

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OV9282 Monochrome Global Shutter Camera Module for DepthAI OAK

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Buy Now

- Global shutter: Higher frame rates in extracting depth information
- Monochrome: more sensitive to light
- Easy to use: compatible with OAK FFC boards for evaluation

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PRODUCT DESCRIPTION

OmniVision's OV9282 is a 1MP (1280×800) global shutter grayscale image sensor. Arducam OV9282 camera module can be used in almost all OAK products (OAK-D, OAK-D S2 OAK-D Pro, OAK-D-PoE, OAK-D S2 PoE, etc.) as the stereo camera pair.

It is also compatible with OAK FFC boards (OAK-FFC-3P, OAK-FFC 4P), so you can easily evaluate its sensor and optics performance via a camera board and a flex cable.

SPECIFICATION

Sensor	OV9282
Optical Size	Type 1/4"
Pixel Size	3μm×3μm
Shutter Type	Global Shutter
Max Sensor Resolution	1280 x 800
Color Filter Array	None (Monochrome)
Resolution and Frame Rate	RAW8/RAW10: 640×480@260fps, 1280×720@144fps, 1280×800@120fps
Supported Platform	Pi 4/3/Zero/CM3/CM4
Output	RAW8/RAW10
Focus Type	Fixed
Focus Distance	50cm~INF
Lens	f/2.0; EFL: 2.35mml; FoV: 89.5° (D)
IR Sensitivity	build-in 650nm IR-cut filter, sensitive to visible light only
Dimensions	25mm × 24mm

DOCUMENTATIONS

- User Guide

PACKING LIST

- 1 x OV9282 Monochrome Global Shutter Camera Module for DepthAI OAK

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