



Arducam USB3 UVC camera Module Promotion

is now on!

Get it Now



Subscribe for more techs on embedded cameras, sensors, and systems

Your email address..

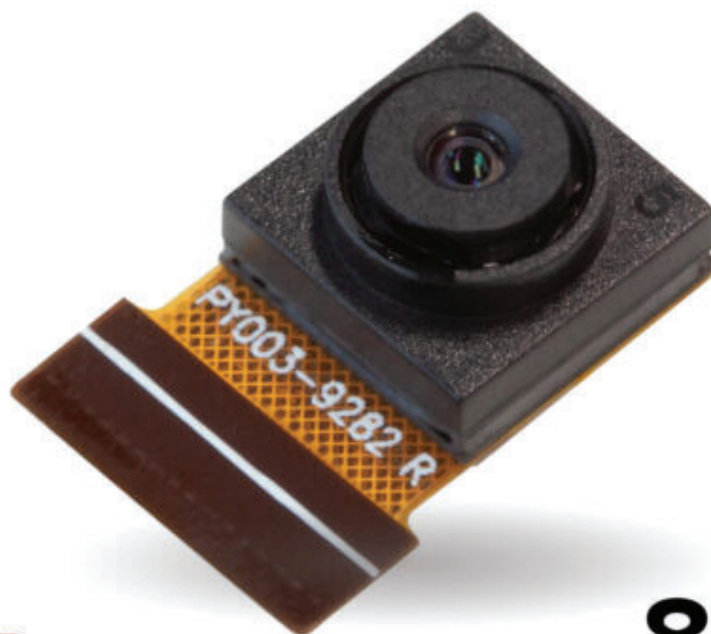
Subscribe



Home / Cameras for OAK / OV9282 Monochrome Global Shutter Camera Module for DepthAI OAK

ArduCam

SKU: B0413



1 MP

89.5°

for OAK

Monochrome

Global Shutter



OV9282 Monochrome Global Shutter Camera Module for DepthAI OAK

Subscribe for more techs on embedded cameras, sensors, and systems



 **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

Subscribe for more techs on embedded cameras, sensors, and systems



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

Subscribe for more techs on embedded cameras, sensors, and systems



Products

Evaluation Kit (EVK)

Embedded Camera Module

UVC Camera Module

Edge AI

Optical Components

Solutions

Flexible-ISP

Quick Camera Evaluation

Multiple Camera

Camera Cable Extension

Edge AI

Sensor Packaging

Applications

Agriculture

Medical & Life Science

Industry

Logistics & Transport

Retail

Resources

Docs / WiKi

Blog

Forum

Lens Selection Guide

Camera Selection Guide

Contact

About Us

Distributors

Subscribe for more techs on embedded cameras, sensors, and systems





© 2024 Arducam All Rights Reserved.

Subscribe for more techs on embedded cameras, sensors, and systems

