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INDUSTRIAL PRODUCT DATASHEET

OPNCAM8508C/297-1MA Dolphin 297-1MA MIPI Interface 3D ToF Camera

OPNCAM8508C Dolphin 297-1MA is a 3D ToF camera which has high integration, high precision, and low power consumption.

SKU	UPDATED	PRICE
101990659	2026-11-11 08:29:30	$349.00(Excl. VAT)



Overview



OPNCAM8508C Dolphin 297-1MA is a 3D ToF camera which has high integration, high precision, and low power consumption. This consists of a ToF image sensor, VCSEL driver and a ToF ISP.

Key Features

01 **High Integration and high precision for advanced applications**

02 **Low Power Consumption for longer use**

03 **Easy Visualization via the cross-platform compatible depth display software**

04 **Contains powerful SDK, APIs and example codes for convenient deployment**

Applications

- **Face recognition and face motion tracking**
- **3D reconstruction**
- **AR/VR**
- **Hand and finger tracking for gesture control and interaction with virtual objects**
- **Visual support for robot grippers**
- **People counting and motion analysis**
- **Surveillance**

Resource Links

- https://www.seeedstudio.com/OPNCAM8508-Dolphin-197-1MA-MIPI-Interface-3D-ToF-Camera-p-4564.html
- Datasheet

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