



Category:Camera hardware components

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A quality version of this page, approved on *17 June 2020*, was based off this revision.

This category groups together all articles related to the **camera** hardware components used on the STM32 MPU boards, and for which additional software information is needed.



Pages in category "Camera hardware components"

This category contains only the following page.

- [Camera sensors hardware components](#)
Stable: 10.01.2020 - 10:47 / Revision: 10.01.2020 - 10:44

A quality version of this page, approved on *10 January 2020*, was based off this revision.

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1 Article purpose

The purpose of this article is to:

- List the camera sensors hardware components that might be integrated in the different boards.
- Link these components to the corresponding software framework(s).
- Point to the appropriate component datasheets.
- Explain, when necessary, how to configure these components.



2 Software frameworks

Domain	Peripheral	Software components		Comment
OP-TEE	Linux	STM32Cube		
Visual	OmniVision OV5640		V4L2 camera framework	Camera sensor



3 OmniVision OV5640

The OmniVision OV5640 camera sensor supports both parallel and MIPI® CSI interfaces.

For details and the datasheet please contact the OV5640 provider.

3.1 Linux driver

Bindings: [Documentation/devicetree/bindings/media/i2c/ov5640.txt](#)

Sources: [drivers/media/i2c/ov5640.c](#)