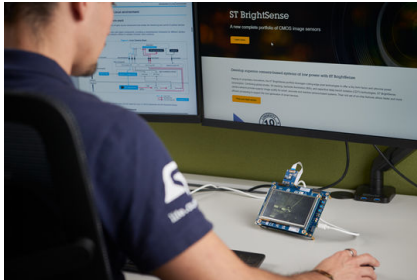


## Drivers for the VD66GY image sensor and its derivative camera modules across diverse embedded processing platforms



### Features

- Supported devices: VD66GY and its derivative camera modules (CAM-66GY)
- Compatible evaluation hardware:
  - VD66GY S-Board (STEVAL-66GYMAI)
  - CAM-66GY promodules and P-Board (STEVAL-CAM-M0I)

### Description

Speed up your imaging projects with the ST **VD66GY** image sensor drivers, designed for seamless integration and exceptional performance in embedded imaging applications. These turnkey drivers allow rapid deployment, enabling engineers to unlock the full potential of the sensor with minimal setup. Enjoy superior image quality with built-in IQ tuning in our software packages that provide clear and precise visuals right from the start without needing manual adjustments.

Our drivers are designed for broad compatibility with a variety of embedded processing solutions, including **STM32N6**, Raspberry Pi, and more. This ensures effortless connectivity across diverse platforms. Download our drivers for free and access a complete suite of evaluation tools, detailed documentation, and video tutorials. Get started in just minutes! Our drivers not only support the VD66GY image sensor and **CAM-66GY** promodules, but also extend compatibility to camera modules from ST partners and distributors. This offers you the flexibility to choose hardware that best suits your specific needs.

Furthermore, our drivers are optimized for use with STMicroelectronics' turnkey evaluation hardware kits. They support the **VD66GY S-Board**, featuring a MIPI sensor board with an M12 lens holder for flexible lens integration, and the **P-Board**, a MIPI promodule board designed for straightforward testing and deployment of CAM-66GY evaluation camera modules.



Product status link

[STSW-IMG503](#)

## Revision history

Table 1. Document revision history

Date	Version	Changes
27-May-2024	1	Initial release
10-Jun-2025	2	Updated document title Replaced cover image Updated the <i>Features</i> Updated the <i>Description</i> and removed the table "Specification summary".

**IMPORTANT NOTICE – READ CAREFULLY**

STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgment.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. For additional information about ST trademarks, refer to [www.st.com/trademarks](http://www.st.com/trademarks). All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2025 STMicroelectronics – All rights reserved