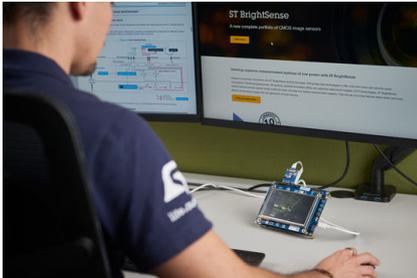


Drivers for the VD5943 and VB5943 image sensors and derived camera modules across diverse embedded processing platforms



Features

- Supported devices: VD5943 and VB5943 image sensors, and derived camera modules (CAM-5943)
- Compatible evaluation hardware:
 - VD5943 and VB5943 S-Board (STEVAL-5943MC1)
 - CAM-5943 promodules and P-Board (STEVAL-CAM-M01)

Description

Speed up your imaging projects with the ST [VD5943](#) and [VB5943](#) 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 VD5943 and VB5943 image sensors and CAM-5943 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 VD5943 and VB5943 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-5943 evaluation camera modules.



Product status link

[STSW-VD5943](#)

Revision history

Table 1. Document revision history

Date	Version	Changes
26-Feb-2026	1	Initial release

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