

Affected Product	Stingray		
PCN Title	Stingray family hardware update		
PCN No.	AVTPR-113	PCN Issue date	2016-06-30
Contact	https://www.alliedvision.com/en/meta-header/contact-us.html		

Type of change

- | | |
|---|---|
| <input type="checkbox"/> Regulatory / Compliance | <input type="checkbox"/> Firmware Specification |
| <input type="checkbox"/> Mechanical Specification | <input type="checkbox"/> Accessories Specification |
| <input type="checkbox"/> Electrical Specification | <input checked="" type="checkbox"/> DISC (Discontinued) |
| <input type="checkbox"/> Optical Specification | <input checked="" type="checkbox"/> Modified hardware |

Reason for change

Due to the maturity of some components in the Stingray family, Allied Vision decided to replace the existing family by compatible successor products. The new cameras offer the same functionality as the existing Stingray products.

Change description

The below mentioned item numbers and their derived variants change over to the status "End of Life" (EOL). Please see the schedule below.

Allied Vision offers a 1:1 replacement camera for most of the Stingray variants. The following options will be discontinued without replacement product:

- Stingray GOF / fiber versions
- Stingray Compact modular concept versions
- Stingray F-145B/C 30fps versions

The new hardware is a 1:1 replacement of the previous Stingray cameras.

The updated hardware differs as follows:

1. Image buffer (RAM) increased from 32MB (F-504 models: 64MB) to 128MB. This increases the size of frames to be stored in the camera.
2. New feature: Non-volatile memory for permanent data storage (PDS feature): 256 KByte user accessible memory (Flash)
3. Deviations:
 - a) In software broadcast trigger mode, there is a time delay between 20-50µs introduced, when using Stingray II with predecessor versions in mix mode. Therefore, it's not recommended to operate both hardware version in this mode for time critical applications. Using only one of both types, shows no additional delay. Using hardware trigger shows no deviations.
 - b) The response to asynchronous commands of the Stingray II is up to 9 times faster, compared to predecessor hardware.
 - c) There is no compatibility of the firmware files between the two hardware revisions.
 - d) The hardware versions can be distinguished by different serial number ranges:

	Stingray	Stingray II
Serial number range	285884416 to 301989887	319438848 to 335544319

End of life schedule
Affected product:

All existing Stingray cameras, article numbers listed in the table below (E00100XX) and their derived variants.

schedule

	Start	End	Remarks
Last time buy period	2016-Jun-30	2016-Dec-31	
Last time shipment period	2017-Jan-01	2017-Jun-30	
Last warranty period	2017-Jul-01	2020-Jun-30	Shipping only updated hardware
Last time repair service	2020-Jul-01	2022-Jun-30	No further orders

Customer action request

Please place your orders until last time buy date of the replaced products. Refer to the table below for successor cameras. Please contact our sales team for specific supply agreements.

Orders for cameras in EOL status are confirmed and processed, depending on component availability. Apart from this, apply our [terms and conditions](#).

Replacement products

Please use the following order codes for future references:

End of life product	Description	Successor product	Description
E0010001	Stingray F-033B mono	9608	Stingray F-033B mono II
E0010002	Stingray F-033C color	9609	Stingray F-033C color II
E0010003	Stingray F-046B mono	9610	Stingray F-046B mono II
E0010004	Stingray F-046C color	9611	Stingray F-046C color II
E0010011	Stingray F-080B mono	9612	Stingray F-080B mono II
E0010012	Stingray F-080C color	9613	Stingray F-080C color II
E0010062	Stingray F-125B mono	9605	Stingray F-125B mono II
E0010063	Stingray F-125C color	9360	Stingray F-125C color II
E0010005	Stingray F-145B mono	9361	Stingray F-145B mono II
E0010006	Stingray F-145C color	9366	Stingray F-145C color II
E0010009	Stingray F-146B mono	9367	Stingray F-146B mono II
E0010010	Stingray F-146C color	9362	Stingray F-146C color II
E0010007	Stingray F-201B mono	9363	Stingray F-201B mono II
E0010008	Stingray F-201C color	9368	Stingray F-201C color II
E0010066	Stingray F-504B mono	9364	Stingray F-504B mono II
E0010067	Stingray F-504C color	9365	Stingray F-504C color II

All discontinued camera model variants will receive new order codes, based on the updated hardware on request, excluding the discontinued modular concept options (see change description). Please contact your Allied Vision Sales representative for detailed information.

Support:

support@alliedvision.com

General inquiries:

Please use our [contact form](#)