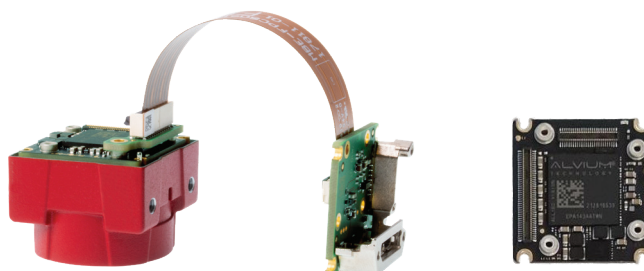# Allied Vision

// Alvium Flex USB3 and CSI-2

For flexible system integration

Camera highlights

Have you ever wanted a camera that can be deeply integrated into your system? Ever been bothered by the standard interface connectors because they are not needed in an integrated setup? With Alvium Flex we have the solution for USB3 and CSI-2 cameras. Alvium Flex comes with a board-to-board connector that is open for your own integration solution. Additionally, there are four screw nuts for your custom attachment or heat management solution available. As a bare board, the camera is extremely compact with a thickness of just 8mm thereby supporting all the sensors available in the Alvium platform. And with a size of just 26 x 26mm it can still support sensors up to 1.2" like the Sony IMX540 sensor. Alvium Flex is also available with an open housing supporting various lens mounts from C- / CS- / S-mount and the new Alvium Frame. No matter what lens mount you choose, all of them are actively aligned during production for best image quality over the whole image. Available as:

// Alvium Flex CSI-2 or Alvium Flex USB3
// Hareware options: Bare Board or Open Housing

Available for these camera models and sensors:

Camera Model	030 VSWIR	040	052	120	130 VSWIR	158	234	235	240	291	319	500	501
Sensor	IMX991	IMX287	IMX426	AR0135	IMX990	IMX273	IMX249	IMX174	IMX392	IMX421	IMX265	AR0521	AR0522

Camera Model	507	508	510	811	812 UV	895	1236	1240	1242	1620	2040	2050	2060
Sensor	IMX264	IMX250	IMX548	IMX546	IMX487	IMX267	IMX304	IMX226	IMX545	IMX542	IMX521	IMX183	IMX540

Applications

// Drone & airborne applications
// Handheld and space-limited applications
// Embedded and integrated systems
// Medical devices

Highlights

// Extremely compact, just 8mm thick
// Support for more than 20 image sensors
// Support for Sony SWIR and UV sensors
// Very compact footprint of 26 x 26mm
// Board-to-board connector for custom connector solutions
// Various accessories for detached USB connector and more

Allied Vision

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www.alliedvision.com