

// Alvium Frame

## For precision mount solutions



### Camera highlights

Do you need to design a custom optics solution? If you do not need a standard lens mount or do not need a mount at all, but still need the image sensor to be precisely located, Alvium Frame is the solution. Alvium Frame cameras are actively aligned during production. The image sensor is perfectly aligned towards the small precision frame. Four M2 screw holes are available at the front for mounting. For alignment there two options:

// Precision milled areas on the bottom, side, and front of the frame

// Precision milled front face, alignment pin, and oblong hole

Alvium Frame cameras are part of the Alvium Modular Concept. Every available camera model / image sensor in the Alvium CSI-2 and USB3 series is available as an Alvium Frame camera. It can also be combined with Alvium Flex bare board cameras. Available as:

// Alvium Frame CSI-2

// Alvium Frame USB3

// Alvium Frame USB3 90°

// Also available as Alvium Flex CSI-2 or Alvium Flex USB3

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

- // Medical & Life Sciences: Microscopy, ophthalmology, handheld medical devices
- // Laser characterization and profiling
- // Custom optics solutions
- // Embedded and integrated systems
- // Handheld and space-limited applications

### Highlights

- // Precision alignment for more than 20 image sensors
- // Compact and small
- // Active sensor alignment within the frame
- // Two alternative precision mount options