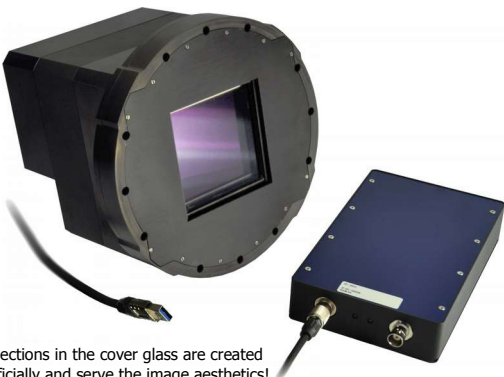


FROM THE IDEA TO THE CONSTRUCTION – FROM RAW MATERIAL TO THE PRODUCT FROM REQUIREMENT TO CERTIFICATION

Of course, to convey a complete impression of ABS's broad-based development expertise in electronics development, signal processing, mechanical engineering and precision manufacturing, it would take more than a flyer. Nevertheless, we would like to utilize the realization of a complex special camera to exemplify our more than 25 years of expertise in solving complex development tasks.

The development of the highly sensitive astro camera system AK81801 ranged from the conceptualization to in-house production. The high level of development depth and mechanical manufacturing capability is to be emphasized in all ABS products. This not only ensures maximum influence on all subsystems, but also high flexibility throughout the whole development process.

Thus, for example, it is also possible to meet new requirements even if they occur after the development already started. This form of adaptable development is made possible by the close collaboration between hardware and software development, design and precision manufacturing at ABS.



Reflections in the cover glass are created artificially and serve the image aesthetics!

The direct interaction of advanced know-how and many years of experience is the basis to meet the highest demands of system development. As an example, this special camera includes low-noise analog circuit design, active high-performance water cooling and complex mechanical solutions, such as the specially developed shutter, sophisticated external and stray light suppression as well as consistent certification-oriented hardware and software development.

With the ABS GmbH, you benefit from a development partner who accompanies you from the design to the finished product - from the idea and raw material up to the complete mechanical-electronic solution - all from one source.

Therefore, do not hesitate to contact us regarding your challenging development task!