

SHR CoaXPress

shr461CCX

Highest resolution made in Germany

The SHR series combines large pixel structures with the highest resolutions. The physical characteristics of large pixels guarantee outstanding image quality. High-quality harmonization of the pixels with defect pixel correction provides a noise-free image. The camera offers the highest structural precision in sensor adjustment in a massive, thermally highly optimized housing. The large M72 lens mount can be adapted to any lens. This makes the SHR the camera for the most demanding optical tasks.

The high-performance CoaXPress interface enables the fastest high-speed data transfer with excellent latency behavior. The camera is equipped with a comprehensive I/O interface with galvanic interface separation, sequencer and integrated multichannel LED light control.



Technical Highlights

- Outstanding image quality
- High dynamic range
- Excellent image homogeneity
- User defined lens shading correction
- User defined pixel correction
- High-speed CXP-6 and CXP-12 quad interfaces
- Safe signal with Schmitt-trigger, debouncer
- Industrial I/O concept: up to 24 V signal voltage
- GenICam interface
- Industrial TTL-24V I/O interface with Safe Trigger, programmable logic functions, sequencer, timer, RS232



CoaXPress specific features

- Quad CoaXPress-6 or CoaXPress-12
- Power over CoaXPress

The SHR offers excellent properties for inspection tasks in the wafer, flat panel or solar panel business. The CoaXPress version provides the benefit of long distance data cables.

