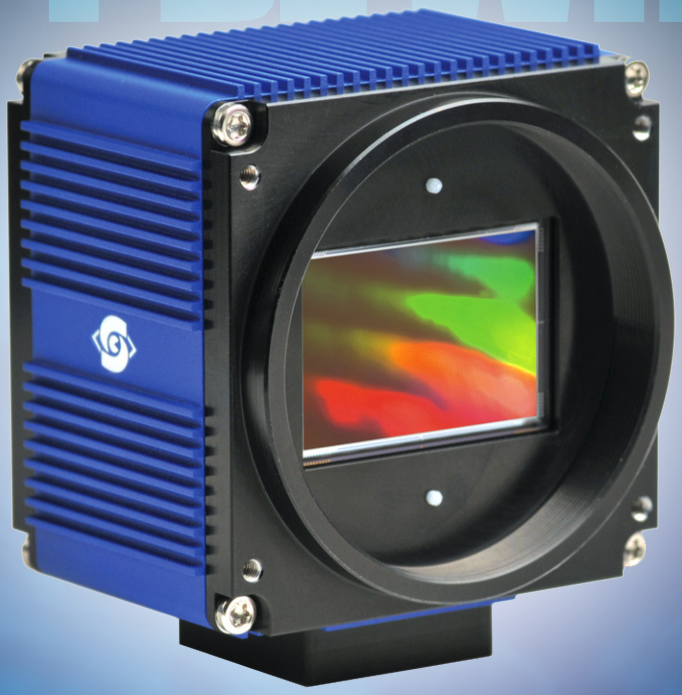
SMALL, BUT MIGHTY
HIGH PERFORMANCE & RESOLUTION
CAN'T BE WRONG



Compact Workhorse.

SVS Vistek SVCam-HR

The perfect solution for quasistatic digital image correlation.

Experience the Invisible.™

Contact us for more information or to schedule a demo today.

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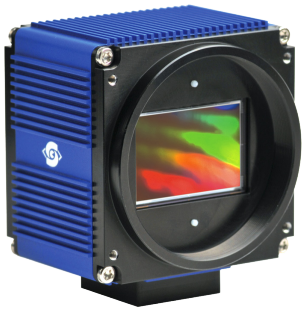
SVS-VISTEK on the Web: www.svs-vistek.com/en/industrial-cameras



SVCam-HR Series
he HR-series is one of the most compact camera modules in its class – worldwide. With its ingenious thermal management design, external cooling is not required and the camera can be used in a wide temperature range.

All models are available in monochrome and color versions, and optionally with GigE Vision, Camera Link or CoaXPress interfaces.

Additional Features

GigE models

Dual GigE Vision data interface (2 x 120 MB/s)

Cable length up to 100 meters

Shading correction

2 x 2 binning

SDK for Windows (32/64 bit) & Linux available

Camera Link models

Camera Link data interface

Pixel Clock Setting for CCD sensors

4 x 4 binning

Power over Camera Link (PoCL)

CoaXPress

Quad CoaXPress (up to 4 x 6.25 Gbit/s)

E.g. 25 megapixels with 80 fps

Cable length up to 200 meters

SVS Vistek SVCam-HR Series

Small, but mighty. High performance with high resolution, 11–29 megapixels. A perfect high-speed imaging solution for quasistatic digital image correlation (DIC).

A Compact Workhorse, Ready for Action.
The HR series fulfills even the toughest demands on resolution without compromising on speed. Dual GigE Vision and Camera Link interfaces facilitate CCD resolution of 11 to 29 megapixels – up to 11 fps. For CMOS sensors, CoaXPress warrants up to 80 fps with resolution as high as 25 megapixels.

Tech Specs

All cameras of the SVCam-HR series have the following quality performance features:

- 11–29 Megapixels at optimized frame rates
- Sensors from ON Semiconductor
- Progressive scan CCD / global shutter CMOS
- Monochrome & color versions (Bayer Pattern)
- 128 MB internal memory
- 14-bit ADC with 8- or 12-bit output
- M58 lens mount (FFD 11,48 / F-Mount optional)
- Dimensions: 2.75 x 2.79 x 2.16" (70 x 71 x 55 mm)
- Tap balancing for CCDs: auto/manual
- Image flip
- Custom defect pixel correction
- Area of Interest / Partial Scan
- Read Out Control: manual/delayed
- White Balance: auto/manual (color versions)
- Exposure: trigger manual/auto/external
- Signal safe: Schmitt-trigger, debouncer & prescaler
- Manual gain
- Look-up table
- Integrated temperature sensor
- Versatile I/O concept: 24 V signal levels & RS232
- LED control up to 4x
- Logic trigger functions
- Sequencer: up to 16 individual Intervals (exposure & LED)
- 4 pulseloop modules generate signals for exposure, LED or triggering
- Pulse-width modulation, high frequency – PWM
- Power supply: 10–25 VDC
- GenICam compliant

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HI-DS-SVC-HR 04/17