

HIGH-SPEED CAMERA

Real-time Transmission Series



SHS-101

NEW!

Megapixel @1800FPS

HD Image Quality

72×72×60mm

Compact Size

430g

Ultralight Camera

100ns

Ultra-short Exposure Time

Intelligent Image
Triggered



Support Cross-frame PIV



Power Over CoaXPress



Automatic exposure
secondary exposure



Standardized CoaXPress-12
protocol. Real time transmission
speed > 2GB/S of image data



Support IRIG-B(DC)
time code input



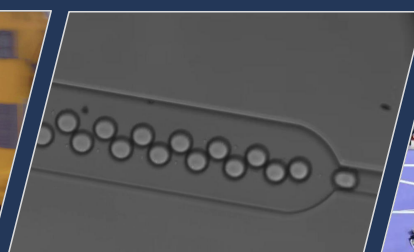
SHS-101 is a new member of SinceVision intelligent high-speed camera family. The camera adopts advanced CXP-12 data interface, which can realize real-time writing speed > 2GB/s. With compact and sturdy body, outstanding performance and excellent heat dissipation, it can be handled calmly in various applications. With memory of computer, high-quality images and lossless data can be transmitted in real time, which is suitable for industrial scene monitoring, destructive experiments, real-time image processing and other application scenarios.



Destructive Test



Precision manufacturing
monitoring



Microfluidics



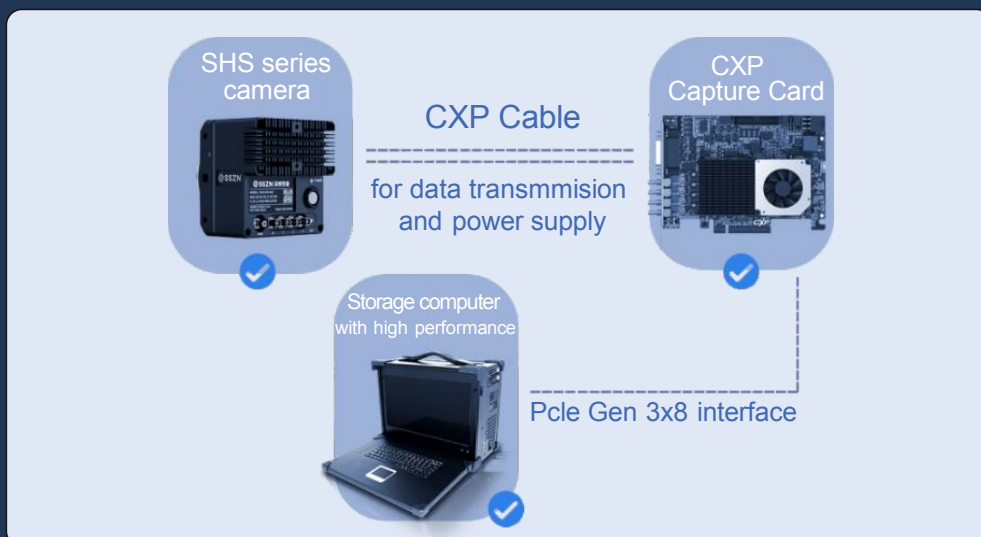
Kinematics

Max. Resolution: 1280 × 864
Customizable Storage: 4TB-15TB
Full-Resolution Frame Rate: 1800FPS
Trigger Mode: Manual / IO / Image
Maximum Frame Rate: 44300FPS
Camera Dimension: 60D x 72W x 72H
Minimum Exposure Time: 100ns
Camera Weight: 430 g (E-mount), 470 g (C-mount)
Bit Depth: 8bit
Lens Mount: Optional E/C, adapt to F/EF
Color: Monochrome (M) / Color (C)
IO Signal: support TRIG/SYNC/IRIG-B
Sensitivity: ISO30000(M)/ISO10000(C)
Data Interface: CXP-12, two channels
Pixel size: 10μm
Power Supply Voltage: DC 12V-28V 12W
Shutter Type: Global Shutter
Working Temperature: 0-40°C, wide range version can be customized.
Dynamic Range: 60dB
Protection Level: IP64
Analog Gain: x2, x4, x8
Shock Resistance: 70 G, 5 ms, ±3 shocks per axis

Frame Rate

Resolution	8bit
1280x864	1800fps
1280x720	2150fps
1280x512	3000fps
1280x256	6000fps
1280x128	11800ps
1280x32	44300fps

Minimal System Deployment


E-mail: info@sincevision.com
Website: www.sincevision.com

Service covering:

South Korea, Vietnam, Thailand,
Malaysia, Singapore, United Kingdom,
France, Italy, Spain, Germany



SinceVision's
LinkedIn Account



SinceVision's
YouTube Account