

# HIGH-SPEED CAMERA

## Real-time Transmission Series



# NEW!

Megapixel @ 1800FPS

HD Image Quality

72x72x60 (mm)

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 > 4GB/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

Model: SHS-101

Max. Resolution: 1280 x 864

Pixel size: 10μm

Max. Frame Rate of Full Frame: 1800FPS

Sensitivity: 30000 (M); 10000 (C)

Minimum Exposure Time: 100ns

Dynamic Range: 60dB

PIV Cross-frame Interval: ≥150ns

Color: Monochrome (M) / Color (C)

Trigger Mode: Manual / IO / Image

Customizable Storage: 2TB-30TB

Lens Mount: Optional E/C, adapt to F/EF

IO Signal: support TRIG/SYNC/IRIG-B

Data Interface: CXP-12, two channels

Protection Level: IP64

Bit Depth: 8bit/10bit

Power Supply Voltage: DC 12V-28V 12W

Working Temperature: 0-40°C, wide range version can be customized.

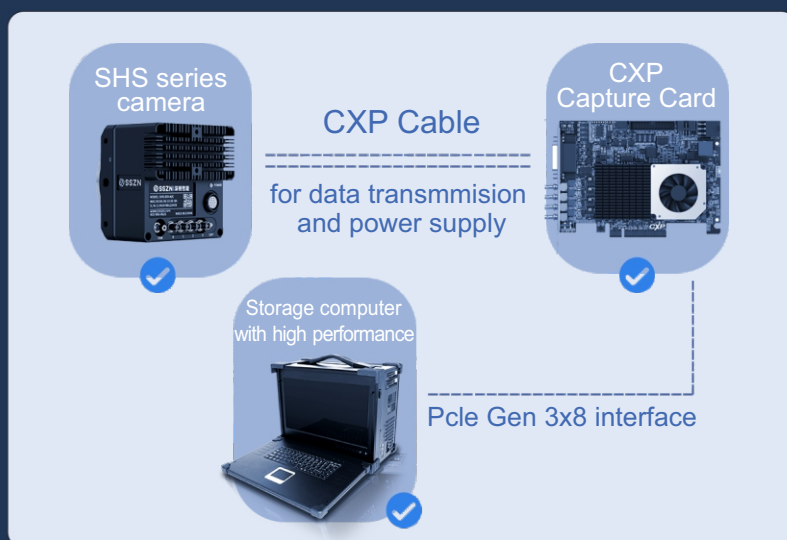
Camera Dimension: 60D x 72W x 72H

Camera Weight: 430g(E port), 470g(C port)

## Frame Rate

Resolution	8bit	10bit
1280x864	1800fps	1400fps
1280x720	2150fps	1700fps
1280x512	3000fps	2400fps
1280x256	6000fps	4800fps
1280x128	12100fps	9600fps
1280x64	24000fps	19000fps

## Minimal System Deployment


E-mail: [info@sincevision.com](mailto:info@sincevision.com)

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## Quick Response Service Covering the Whole Country

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SinceVision's  
Linkedin Account



SinceVision's  
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