

HIGH-SPEED CAMERA

Real-time Transmission Series



SHS-202

NEW!

1080P@2250FPS

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 > 4GB/S of image data



Support IRIG-B(DC) time code input



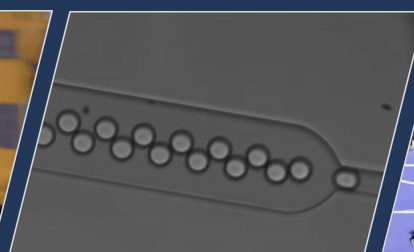
SHS-103 is a new member of SinceVision intelligent high-speed camera family. The camera adopts advanced CXP-12 data interface, which can realize real-time writing speed > 4GB/s. With compact and sturdy body, outstanding performance and excellent heat dissipation, it can be handled calmly in various applications. 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:1920×1080

Customizable Storage:4TB-15TB

Full-Resolution Frame Rate:2250FPS

Trigger Mode: Manual / IO / Image

Maximum Frame Rate:69200FPS

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, four 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

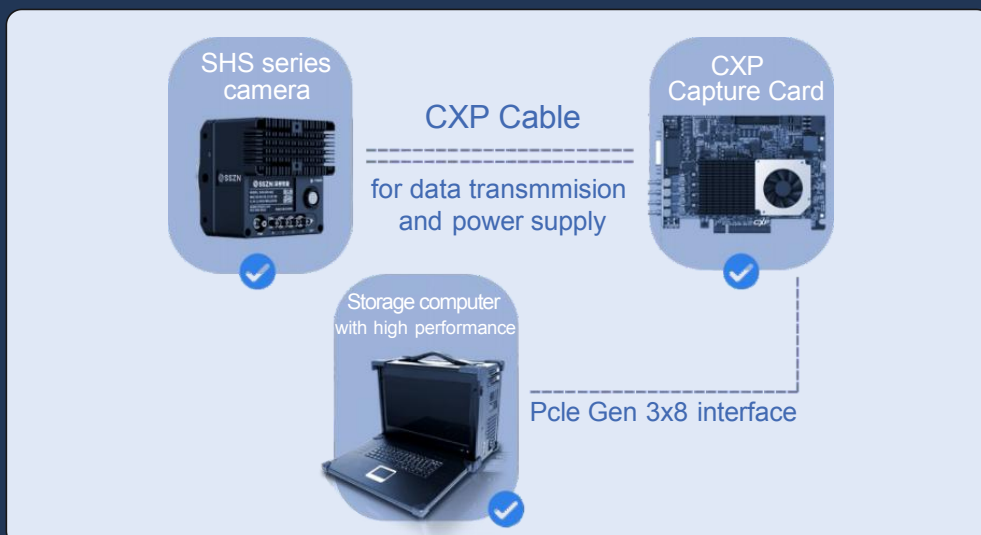
Analog Gain: x2, x4, x8

Shock Resistance: 70 G, 5 ms, ±3 shocks per axis

Frame Rate

Resolution	8bit
1920×1280	2250 fps
1920×960	2500 fps
1920×720	3350 fps
1920×512	4700 fps
1920×256	9400 fps
1920×64	36200 fps

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