

HIGH-SPEED CAMERA

Real-time Transmission Series



NEW!

Megapixel @ 3600FPS

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-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

Model: SHS-103

Max. Resolution: 1280 x 864

Pixel size: 10μm

Max. Frame Rate of Full Frame: 3600FPS

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: 4TB-30TB

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

IO Signal: support TRIG/SYNC/IRIG-B

Data Interface: CXP-12, four 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.

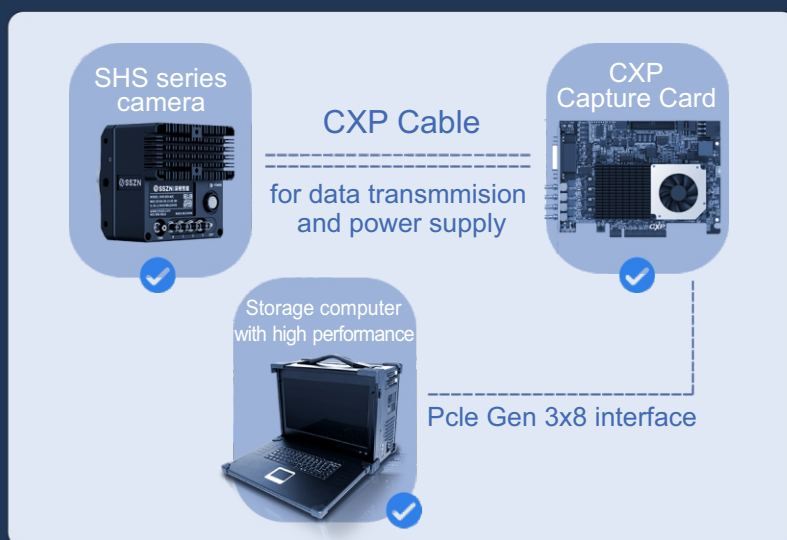
Camera Dimension: 60D x 72W x 72H

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

Frame Rate

Resolution	8bit	10bit
1280x864	3600fps	2800fps
1280x720	4300fps	3400fps
1280x512	6000fps	4800fps
1280x256	12100fps	9600fps
1280x128	24000fps	19000fps
1280x64	48000fps	38000fps

Minimal System Deployment


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Quick Response Service Covering the Whole Country

Headquarters	: 5th Floor, Building 2, Chongwen Industrial Park, Nanshan Zhiyuan, Nanshan District, Shenzhen, China
East China Office	: Room 1305, Building 7, Xiangyu Liang'an Trade Center, No.1588, Chuangye Road, Kunshan, Jiangsu Province, China
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Southwest China Office	: Room 604, Block B, Yingchuang Interational Building, No. 66, Chuangzhi South 1st Road, Pidu District, Chengdu, China
Northwest China Office	: Room 601, Chuangke Building, Cuihua Road, Yanta District, Xi 'an City, Shaanxi Province, China
Dongguan Office	: Room 406, Building F4, Tian'an Digital City, Nancheng District, Dongguan City, Guangdong Province, China
Hefei Office:	: Room 613, Tower C, Greenland Center, Hongcun Road, Baohe District, Hefei City, Anhui Province, China



SinceVision's
Linkedin Account



SinceVision's
YouTube Account