

HIGH-SPEED CAMERA

Real-time Transmission Series



SHS-202

NEW!

1080P @ 2250FPS

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-202 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-202

Max. Resolution: 1920 x 1080

Pixel size: 10μm

Max. Frame Rate of Full Frame: 2250FPS

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.

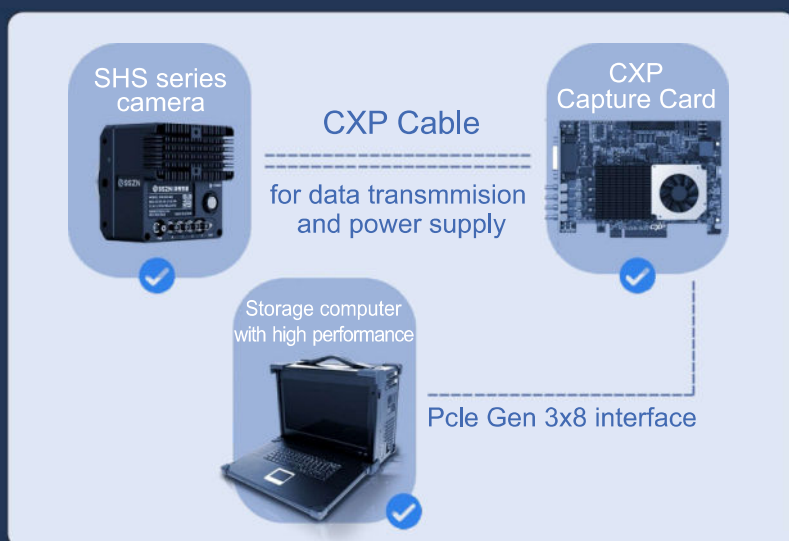
Camera Dimension: 60D x 72W x 72H

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

Frame Rate

| Resolution | 8bit | 10bit |
|------------|----------|----------|
| 1920x1080 | 2250fps | 1800fps |
| 1920x960 | 2500fps | 1900fps |
| 1920x720 | 3350fps | 2600fps |
| 1920x512 | 4700fps | 3500fps |
| 1920x256 | 9400fps | 7300fps |
| 1920x64 | 36200fps | 28000fps |

Minimal System Deployment


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Quick Response Service Covering the Whole Country

| | |
|-------------------------------|--|
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SinceVision's
Linkedin Account



SinceVision's
YouTube Account