![SinceVision]

# HIGH-SPEED CAMERA

## Real-time Transmission Series

**NEW!**

| 1080P @ 1100FPS | 72x72x60 (mm) | 430g | 100ns |
|---|---|---|---|
| HD Image Quality | Compact Size | Ultralight Camera | 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-201 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, system integration and other application scenarios.

**Destructive Test**

**Precision manufacturing monitoring**

**Microfluidics**

**Kinematics**

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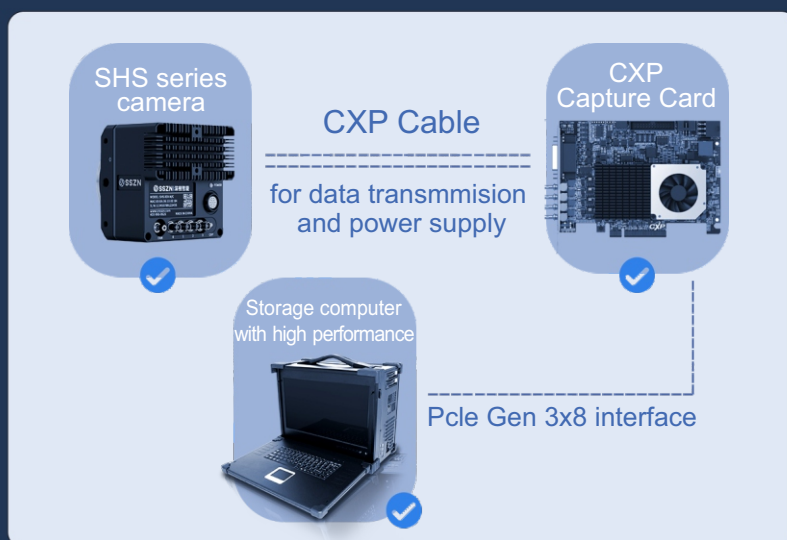| | |
|---|---|
| Model: SHS-201 | Max. Resolution: 1920 x 1080 |
| Pixel size: 10µm | Max. Frame Rate of Full Frame: 1100FPS |
| Sensitivity: 30000 (M);  10000 (C) | Minimum Exposure Time: 100ns |
| Dynamic Range: 60dB | PIV Cross-frame Interval: ≥150ns |
| Color: Monochrome (M) / Color (C) | Trigger 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 |
|---|---|---|
| 1920x1080 | 1120fps | 850fps |
| 1920x960 | 1260fps | 1000fps |
| 1920x720 | 1680fps | 1300fps |
| 1920x512 | 2350fps | 1800fps |
| 1920x256 | 4700fps | 3700fps |
| 1920x64 | 18900fps | 15000fps |

## Minimal System Deployment

SHS series camera

CXP Cable
for data transmmision and power supply

CXP Capture Card

Storage computer with high performance

Pcle Gen 3x8 interface

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## Quick Response Service Covering the Whole Country

| | |
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SinceVision's Linkedin Account

SinceVision's YouTube Account