

# GigaView™

## Are You Sure You're Seeing the Whole Picture?

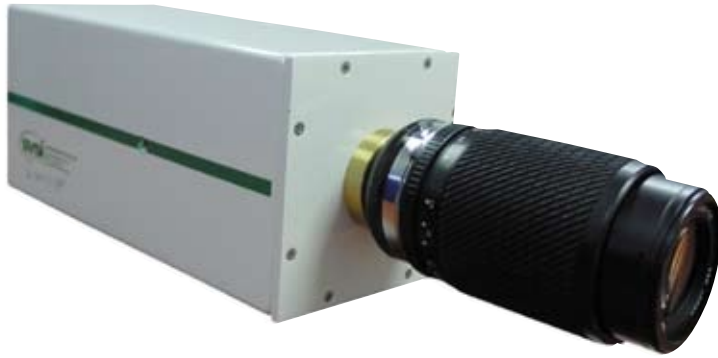
In any production environment, downtime is expensive. But when the production machinery is moving faster than the human eye can follow, it's really expensive! For just these situations, SVSi introduces GigaView – a Gigabit Ethernet equipped, high-speed digital video camera system specifically designed for the difficulties of the production environment. GigaView is the only complete video solution that delivers the images you need to solve the problem...every time.



### Features

- 1280 x 1024 resolution – Sharper details in all images
- Up to 17,000 frames per sec. – Events are never missed “between images”
- 10 bit grayscale – More information per image
- Gigabit Ethernet Interface (GigE) – Robust connection for plant environment
- Up to 8 GB of memory – Extends traditional record times
- Image-Cued Triggering – Offers solution when an external trigger is unavailable





# GigaView™

## Specifications

### GigaView LR

Resolution: 640 x 480

Frame-rates (fps): 50 – 17,000

### GigaView

Resolution: 1280 x 1024

Frame-rates (fps): 50 – 17,000

### GigaView LR/GigaView

Shutter: 1/50 – 1/100,000

Sensor: 10-bit mono or 24-bit color

Trigger Source: Standard TTL or

Image-Cued

Multiple-event recording capability

Lens Mount: C-mount\*

Interface: TCP/IP 100/1000-BaseT

Size: 4.25"x4.25"x11"

Weight: 3.4 lbs

Software: Video Record/Playback/Analysis

\* C-mount to F-mount adapter required for commercial 35-mm lens.

Process inspection, high-speed motion capture, and machine troubleshooting just got easier with SVSi's GigaView high-speed camera. Designed for true networked (TCP/IP) operation, GigaView offers gigabytes of memory for extended recording times and gigabits of data transmission for fast downloads. The user-friendly software interface makes setup and operation a snap so you can concentrate on getting your production or packaging line to maximum efficiency.

GigaView reduces even the highest speed processes to slow-motion video that can be analyzed frame-by-frame. Through the combination of the highest resolution, longest record times, and fastest frame-rates, GigaView is the clear performance leader in high-speed video solutions for the production and packaging environments.

Model	Resolution	Frame Rate (fps)	Recording Time** (sec)	
			1-GB Memory	8-GB Memory
GigaView LR	640 x 480	50	70	559
	640 x 480	124	28	224
	640 x 480	250	14	112
	640 x 480	500	7	56
	640 x 480	1,000	3.5	28
GigaView	1280 x 1024	50	16	131
	1280 x 1024	125	6.5	52
	1280 x 1024	250	3.3	26
	1280 x 1024	500	1.6	13

\*\* For longer record times, please call.

## Image-Cued Trigger

A troubleshooting aid unique to GigaView is the ability to trigger the recording process from an event in the camera's field-of-view. If you know what happens but not when, GigaView can look for the event itself and record digital video before and after the fact with a minimum of excess frames so that you can go straight to the cause of the problem.

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