



# PHOTOVISION®

**A HIGH-SPEED FULLY-AUTOMATED PHOTO CAPTURE  
SYSTEM FOR VIRTUALLY EVERY SCHOOL SPORT**



# PHOTOVISION®

PhotoVision is a high-speed sports photo solution that offers full-frame, full-color, time-stamped photos. It can be used for numerous school athletic needs, including Track & Field, Cross Country, Baseball pitching and batting, Golf swing analysis, Running gait, Swimming form analysis, Football agility, Quarterback analysis, Hockey drills, Basketball drills, Cycling form, High jump, Hurdles, and so much more!

## BENEFITS



### EASY TO DEPLOY

Using the latest developments in optics and electronics, PhotoVision can be set up in less than 10 minutes and will allow you to capture crystal clear color photos immediately.



### EASY TO USE

With Live View, Photo Viewer, Time Markers, Light Adjustment, Auto-Capture, and full-frame images, you will be able to quickly and accurately determine finish order and times to 1/1,000th of a second.



### INTEGRATION & ACCESSORIES

Integrates with all Meet Management Software. Accessories such as FATcap, our wireless gun capture for track meets are also available.



PhotoVision shown with optional  
FATcap Transmitter, Receiver, and premium tripod.



# PERFORMANCE & SPECIFICATIONS

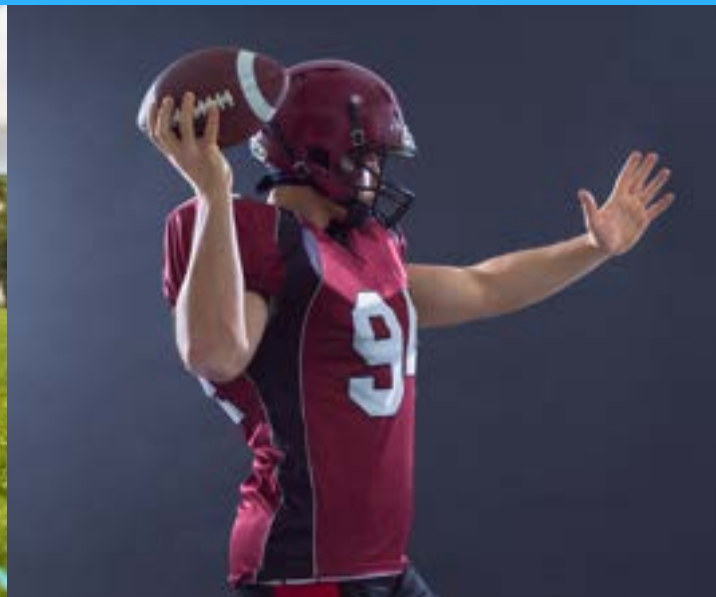
## PhotoVision

Features	PhotoVision 2000
Line Scan Equivalent Frames Per Second	1,800
Focus Capabilities	Fixed/Variable
Resolution	1280 x 1020
Color/Black & White	Both
Computer Interface	USB 3.0/3.1
Supports 6-25 mm lens	YES
Variable Brightness & Gamma	YES
Photo Enhancement Tools	YES
Zoom - Manual & Digital	YES
Automatic Capture	YES
Integrates with Laser Curtain	YES
Communicates with Digital Clock	YES
CSV File Export of Timing Data	YES
Supports FAT for Track & Field	YES

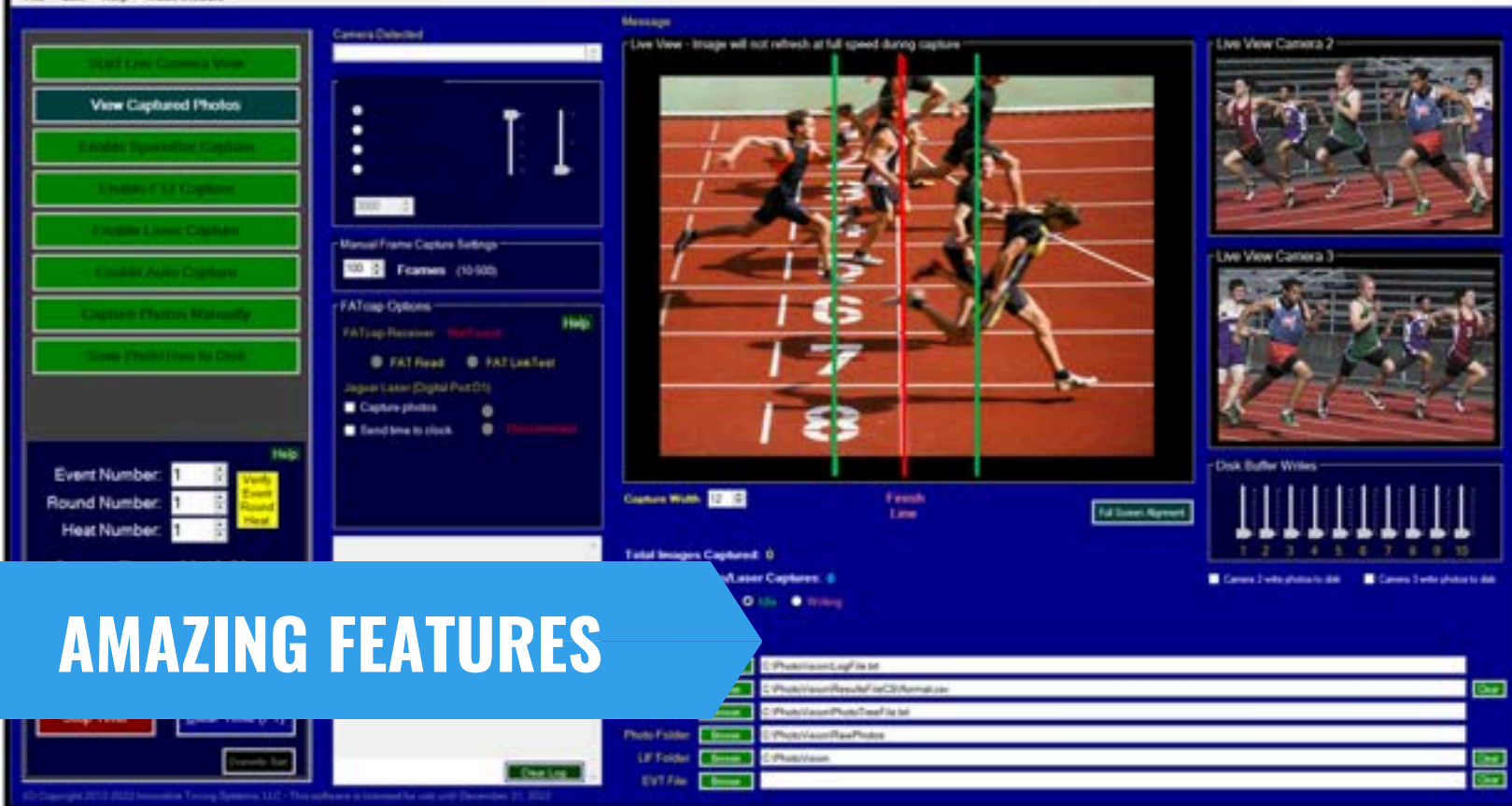


ANALYZE EVERY  
ASPECT OF A  
GOLF SWING

# SPORTS PERFORMANCE ANALYSIS







## AMAZING FEATURES




Specification	Details
Computer Required	i7 or i9 with 16gig RAM, 500gig SSD, 1920 x 1080 screen, USB 3.1 port
Cable	Comes with easy to use USB 3.1 powered cable
Photo Review	Displays images instantly for immediate review and analysis
Capture Width	Up to 90 feet wide depending on lens used
Live View	View image in real-time exactly as it will be captured
Digital Zoom	Lens has physical zoom and software provides digital x10 zoom
Accuracy	Photos have time stamps to 1/1000 <sup>th</sup> of a second for amazing accuracy
Photo Adjusting	Color filters allow you to change the image as needed for precise review
Lighting	Lens setting and digital lens control permits operation in virtually any light
Capture Length	Capture in real-time up to the maximum space on your solid-state drive
Multi Capture	Capture images from up to 3 high-resolution cameras simultaneously
Capture Controls	Capture using Spacebar, lasers, auto-detection or manually
Image Capture	No thin slices here; we capture the entire image without distortion
Ease of Use	Entire system can be setup in 5 minutes with easy aiming procedure



# FATcap

The FATcap wireless Transmitter and Receiver are the heart of the F.A.T. (Fully Automatic Timing) solution of PhotoVision. When a starter pistol is fired, the FATcap Transmitter sends an electronic start signal to the FATcap Receiver, which is connected via USB to the Windows computer running PhotoVision Software. The FATcap Receiver includes two ports for Jaguar accessories. Accessories include lasers which can trigger photo capture automatically and send finish times to the optional Jaguar Digital Clock.

## BENEFITS

-  **EASE OF USE**  
Lightweight wireless Transmitter that detects starter pistol firing while ignoring crowd noise and loud music.
-  **WIRELESS**  
Forget about messy cables. Transmit the PhotoVision start signal up to nearly 2,000 ft (600 m) away from the FATcap Receiver.
-  **MULTIPLE INTERFACES**  
Supports multiple lasers for triggering photo capture and updating a Jaguar clock with the winner's finish time.



# SMART INVESTMENT



**Question:** What makes PhotoVision different, or a better choice, than other products?

**Answer:** Our firm has over 17 years of experience manufacturing timing and photo products for the sports industry. Our extensive engineering expertise has allowed us to create a new generation of photo solutions that are finally affordable, quick to deploy, easy to use, with amazing features such as intelligent automatic capture, dynamic lighting adjustments, automatic bookmarks, continuous recording, and more.

**Question:** Do you have specific examples of your product's advantages?

**Answer:** Yes, our camera captures full images, not slices, covering the entire field of view in **Color**, at a width up to 90 feet (30 m). This gives you better images and more frames to work with when analyzing athletes. Also, you can use our Jaguar Lasers to automatically start capturing frames when the athletes cross a line. Another advantage of PhotoVision is that it leverages the latest economical USB SuperSpeed standard (USB 3.0/3.1 SS). By comparison USB 3.0/3.1 SS performs up to 10 times faster than Ethernet-based solutions on your Windows laptop.

**Question:** How quickly can PhotoVision be setup?

**Answer:** Unlike other products that could require as much as an hour to setup, PhotoVision can be setup in 5 to 10 minutes. You simply plug in the USB cable to your laptop and aim the camera. The software has several features that make it easy to align the camera to the area you wish to capture. The software has built-in helpful tips and training, making sure you are ready to use the camera right away.

**Question:** How many sports can benefit from PhotoVision?

**Answer:** Because of the speed of setup, and the flexibility of the product, PhotoVision can be used for virtually any sport where you need to study the athlete's form, movement or agility. Runner's form and gait can be studied. Football player agility, speed, and form can be analyzed. Goal line drills, field goal accuracy, quarterback foot work, and so much more can be examined. Need to score your Track & Field or XC events? PhotoVision can do it. Hockey players can benefit from analyzing blue line drills or shooting accuracy. Swimmers will love the ability to study their form with incredible accuracy and resolution. Basketball players can analyze their shooting form. Tennis players will improve their serve by analyzing their form, as well as ball placement and accuracy. Golf players will find those slight breakdowns in form that are affecting their swing. Hurdlers know that races are won or lost by improving their foot work, agility, jumping skills, and more. Now they can quickly analyze their performance and make consistent improvements.

# Still have questions?

**CONTACT  
A PHOTOVISION  
REPRESENTATIVE**

**314.737.4900**  
**info@innovativetimingsystems.com**