



Performance data  
you can trust

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**X3** Fusion Tracking

A white and red FlightScope X3 radar unit is positioned on a green golf course. The unit has a red top section with the 'FlightScope' logo in white, and a white bottom section with the 'fusiontracking' logo in black. It is mounted on a black base. In the background, there is a golf course with trees and a blue sky with clouds.

# FlightScope

fusiontracking

## FLIGHTSCOPE X3

### FUSION TRACKING

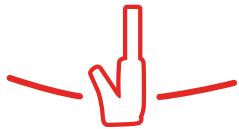
FlightScope X3 uses patented Fusion Tracking technology that combines 3D tracking radar and image processing for unmatched data accuracy.

# FLIGHTSCOPE X3



## DATA & VIDEO COMBINED

Capture data and automatically clip video from multiple camera feeds for every shot



## WEDGE D-PLANE DATA

X3's Fusion Tracking Technology provides the most accurate and consistent wedge D-Plane data in the industry



## ENVIRONMENTAL OPTIMIZER

Adjust your environment to plan and prepare for all weather conditions and landscapes



## ACCURATE PERFORMANCE DATA

Includes 50+ full swing, chipping, pitching, and putting data parameters

### **Indoor and outdoor use**

No additional license fees for indoor and outdoor setup

### **Built-in camera**

Enables easy target alignment with auto-leveling for all surface types

### **Wireless and portable**

Robust 5GHz Wi-Fi hotspot for a stronger and faster connection to mobile devices

### **Club fitting capability**

Speed and acceleration profiles to verify players are using the right equipment

### **Multiple integrations**

Compatible with a variety of third-party training aids





# DATA CHAMPIONS TRUST

FlightScope has been an integral part of my success on tour. I use my X3 to prepare for tournaments, capturing every single shot on the range and on the course during my practice rounds.

**I use the X3 because I trust the data and it never misses a shot.**

**BRYSON DECHAMBEAU**



# FS | E<sub>O</sub> ENVIRONMENTAL OPTIMIZER

Change your environment without changing your location.

**Plan and prepare for all weather conditions and landscapes by modifying your environment to understand how climate variables affect your shots.**

FlightScope Environmental Optimizer allows you to configure the impact of:



Altitude



Air Temperature



Relative Landing Height



Humidity



Wind Speed



Wind Direction





# DATA PARAMETERS

## Club Data

Club Path  
Face to Path  
Club Speed  
Face to Target  
Angle of Attack  
Spin Loft  
Dynamic Loft  
Horizontal Swing Plane  
Vertical Swing Plane  
Low Point  
Club Speed Profile  
Club Acceleration Profile

## Ball Flight Data

Carry Distance  
Total Distance  
Smash Factor  
Spin Rate  
Ball Speed  
Spin Axis  
Launch Angle  
Launch Direction  
Vertical Descent  
Apex Height  
Flight Time  
Roll Distance  
Lateral Landing  
Curve  
Shot Type  
Shot Dispersion  
Skills Distance to Pin  
Skills Score

## Putting Data

Putter Path  
Putter Face to Target  
Putter Face to Path  
Launch Speed  
Launch Direction  
Total Distance  
Distance to Pin  
Lateral Position  
Putter Head Speed  
Smash Factor  
In Miss Range  
Skid Distance  
Roll Distance

## Chipping Data

Launch Speed  
Launch Direction  
Total Distance  
Distance to Pin  
Lateral Position  
Club Head Speed  
Smash Factor  
In Miss Range  
Roll Distance

# WEDGE TRACKING

The most accurate and consistent wedge D-Plane data in the industry.

The FlightScope X3 provides D-Plane data for valuable insight into your wedge play. Angle of attack, club path, face angles, and dynamic loft are key components to hitting accurate and consistent wedge shots.





# MULTICAM FEEDS

**Automatically record and sync videos from multiple cameras for instant review.**

Using FlightScope MultiCam app with FlightScope Video and Short Game apps, automatically clip video feeds from any angle and pair with radar data for the most effective teaching tool in the industry.







# FS GOLF APP

A comprehensive and customizable phone app allowing users to teach, fit, and practice with radar data, video capabilities, 3D trajectories, and more.



## Data Margins and Instant Feedback

Set your minimum and maximum values for any data parameter to train smarter and improve consistency. Receive instant visual feedback with simple green and red data display.



## Customizable Trajectory View

Customize your trajectory screen display and preferred performance data blocks for the ultimate user experience.



## Data and Video Combined

Practice without interruption using the FS Golf App. The app on your phone will automatically record and clip each video before storing on the app for easy review.



# VIDEO LESSONS

A fully customizable experience allowing users to capture and compare video with data, speed and acceleration profiles, 3D trajectories, and more.



## Customizable Interface

Select various data and video screen combinations to display during each lesson



## Club and Ball Trace

View actual club and ball trace overlay on video with accurate data



## Video Sharing

Easily share performance data and video feedback with students after every practice session



## MultiCam Feeds

Automatically record and sync videos from multiple cameras for instant review





# SHORT GAME

Accurately measure short game data parameters for complete lessons and overall game improvement.



## Chipping, Pitching, and Putting

Get instant feedback with various features including trajectory, grouping, speed graph, and more



## Wedge D-Plane

Improve consistency around the green with full D-Plane data for every club in the bag



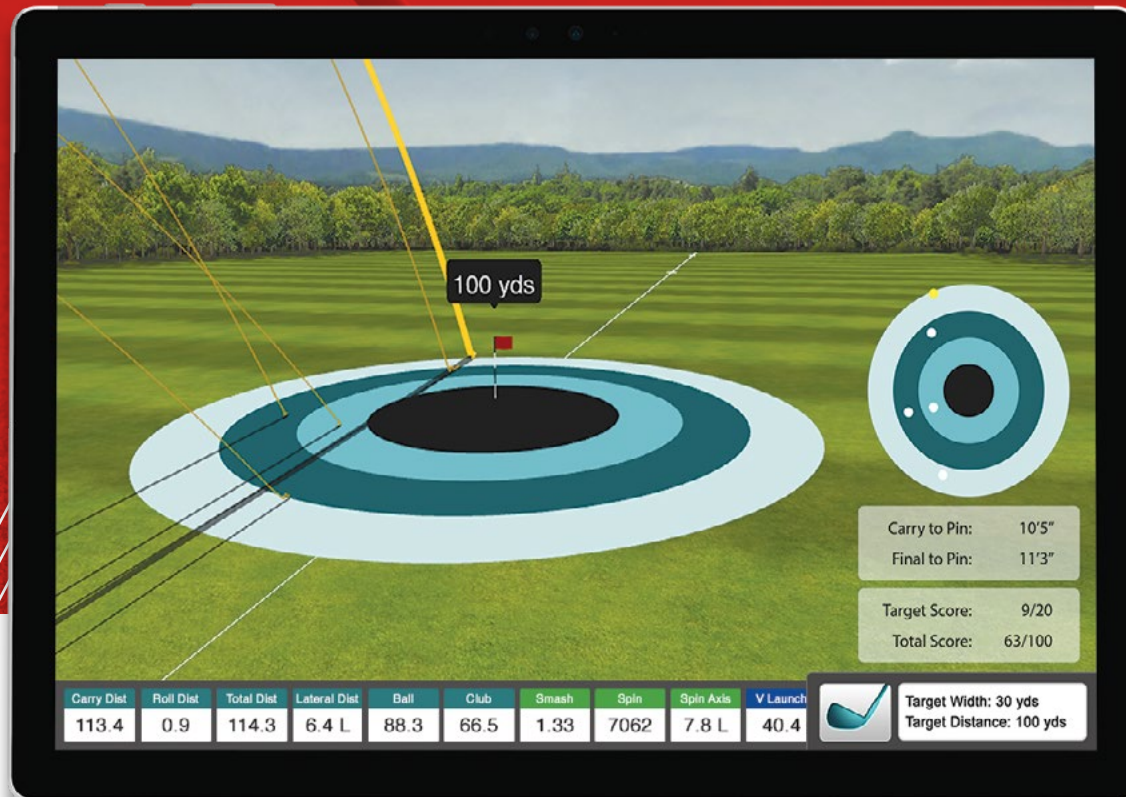
## Putter Face and Path

Get better control of your starting lines and improve your putting stroke with face and path tracking



## Simple Pin Placement

Practice multiple putt lengths in one session with slide-controlled pin distance placement



# SKILLS

Evaluate your players with the most advanced and customizable combine assessments available.



## FlightScope Combines

Designed to be the ultimate and most advanced assessment of a golfer's skill level



## Practice Smarter

Use Skills to determine accuracy and skill level for benchmarking and compare performance with players around the world



## Customized Challenges

Practice with a purpose by choosing target size, location, and point values for innovative sessions based on identified weaknesses



# SIMULATION AND GAMES

Enhance your golf simulation  
experience with FlightScope  
performance data you can trust.

## E6 CONNECT

E6 CONNECT is the highest-quality, most lifelike and customizable golf software ever created. Use it with X3 to teach or train on the driving range, to compete in leagues and online events at a commercial facility, or just play fun games at home with friends and family.

Free 60-day trial of E6 CONNECT with X3 purchase

## Creative Golf 3D

The Creative Golf 3D game provides a pleasant golf experience while playing on famous or local golf courses.

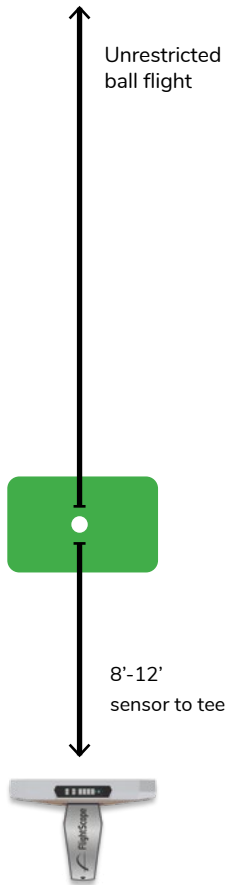
## Big Shots

Avid golfers are drawn in by the tracking technology available in our Tee Boxes that can be used to track progress and statistics. Virtual reality games give golfers the option to practice their game on simulations of real golf courses from around the world.

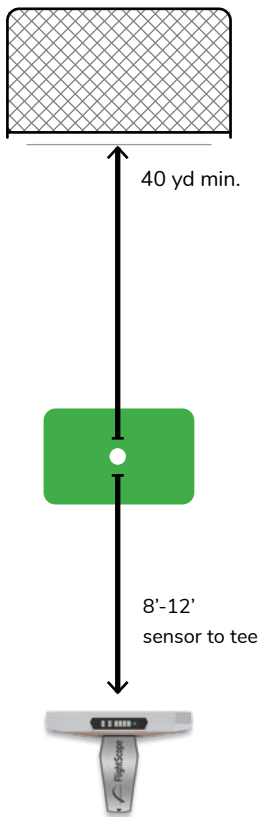


# FULL SWING SETUP

## OUTDOOR

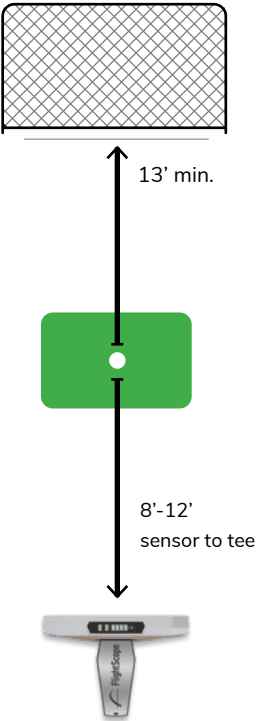


## LONG INDOOR



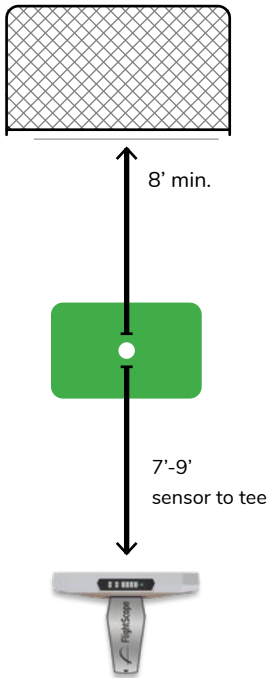
## INDOOR

Metallic dots required



## SHORT INDOOR

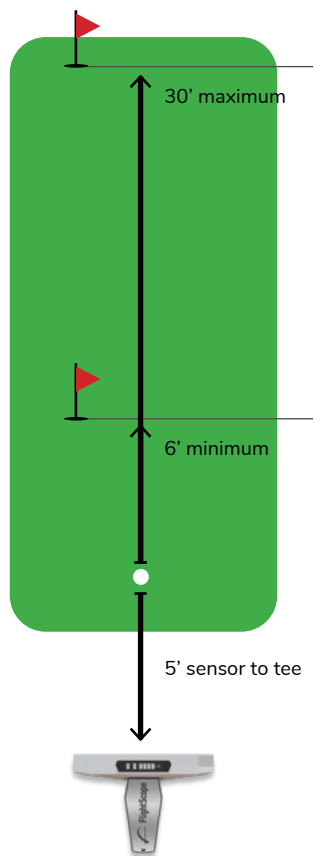
Metallic dots required





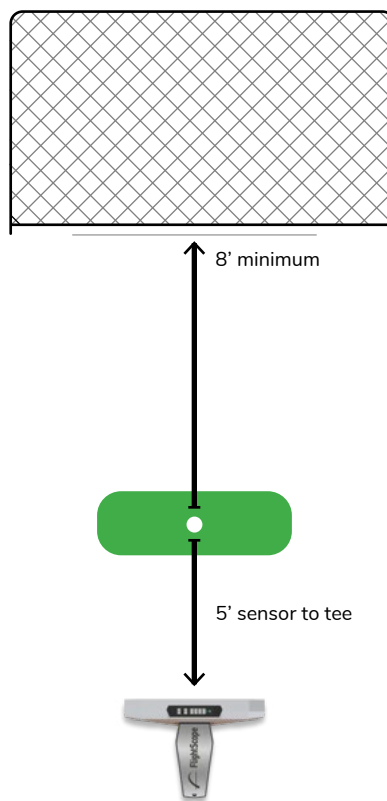
# SHORT GAME SETUP

## PUTTING



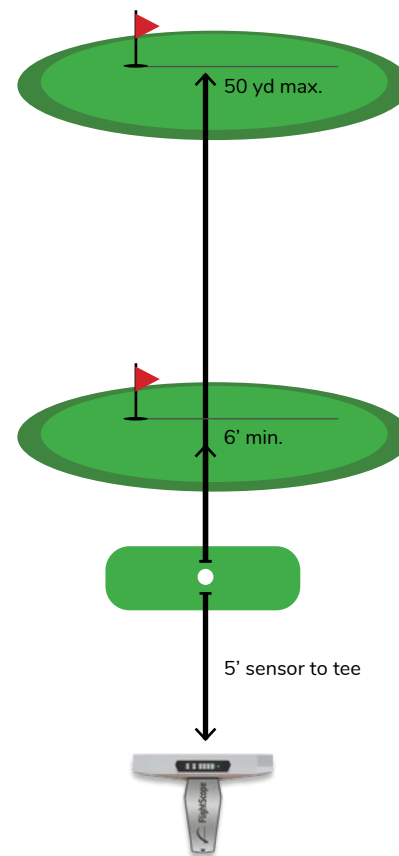
Flat surface required

## INDOOR CHIPPING



Limited flight, metallic dots required

## OUTDOOR CHIPPING



Full flight, less than 50 yards

# ABOUT FLIGHTSCOPE

The industry leader and pioneer in tracking and analyzing sports performance data, FlightScope was founded in 1989 when its proprietary technology was originally used to track projectiles for the defense industry. Turning its attention to the world of sports, it has introduced a variety of innovations to help improve athletic performance in multiple sports categories, including golf, tennis, baseball, softball, cricket and more to come.

Renowned for accuracy and ease-of-use, FlightScope products represent the pinnacle of tracking technology, enabling players and coaches to measure and analyze every aspect of performance with unmatched accuracy.

## FLIGHTSCOPE FIRSTS

**1992**

The world's first autonomous cricket bowling speed radar

**2002**

The first 3D Doppler radar for golf simulators – called "FlightScope TBox"

**2009**

The FlightScope Prime was the first-ever wireless launch monitor for golf

**2016**

FlightScope Strike is the first portable multi-frequency 3D tracking radar for baseball and softball that provides hitting, pitching, and pop time analysis

**2000**

The first 3D Doppler radar in golf

**2003**

The first 3D Doppler radar for golf driving ranges – called "FlightScope The Game," including game software and in-bay TV monitors

**2016**

Patented Fusion Tracking: the first company to combine 3D Doppler tracking radar with image processing

**2019**

The first technology company to give users the ability to configure the impact of altitude, air temperature, humidity, wind speed, wind direction, and relative landing height with FS | EO, FlightScope Environmental Optimizer

**2001**

The first accurate tennis serve speed radar

**2004**

First to integrate 3D Doppler tracking into television broadcasts, as showcased at the 2004 Nedbank Golf Challenge and Battle at the Bridges exhibition



# SUPPORT AGREEMENT

## OPTIONAL

Acts as an extended factory warranty for the duration of the agreement

Includes accidental damage from handling coverage

Covers support for hardware, including repairs

Swapping out of hardware is available to minimize downtime in the case of a repair

Phone-based operation and application training

**\$750 when purchased with the unit**

**\$1,200 after unit purchase**

# HOURS / METHODS



Telephone, email, and online chat-based support is available 6 days a week for all FlightScope customers.

<b>Monday - Friday</b>	<b>8:30AM - 8:00PM</b>	<b>EST/EDT</b>
<b>Saturday</b>	<b>8:30AM - 5:00PM</b>	<b>EST/EDT</b>

# SYSTEM REQUIREMENTS

## PC

**FlightScope v11**  
**Short Game App**  
**Video App**

Microsoft® Windows 10 (64-bit)  
Intel® Core i5 (quad-core) or faster  
RAM: 8 GB or more  
Free Disk Space: 5 GB or more  
SSD drive for recording from multiple cameras  
USB3 / GigE LAN for external cameras (drivers and proper configuration required)  
USB2 - BodiTrak, cameras / internal cameras (DirectShow compatible)  
2.4 GHz WiFi - X3 radar connection  
Bluetooth LE (4.0) - FocusBand connection

## MOBILE

**VX App**  
**Skills App**

iPad Air or newer with iOS 12 or later  
Requires Android 6.0 or higher

**Video App**  
**Short Game App**

iPad Air or newer with iOS 12 or later

**FS Golf App**

iOS 12 or later





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FlightScopeGolf

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