



Ultimate Golf Academy

Featuring HD Graphics
3D Ball Flight Detection



The Ultimate Golf Academy

The Ultimate Golf Academy

Designed especially for Golf Clubs, enabling Members and Professional Staff to use the only, complete indoor coaching system. Golfers can for the first time instantly analyse their own Ball Flight, Shot Performance and Swing Performance. This comprehensive system uses 3d high speed cameras developed by Sports Coach, ensuring the world's most accurate ball flight. Uniquely the Golf Club's own course is the centrepiece, of this superb user friendly system.

The Ultimate Golf Academy generates considerable returns on investment, as well as giving all golfers a fantastic understanding of their game. Revenue Streams include complete on-course tuition, 2 camera video coaching, driving range, short game academy, putting practise, custom fitting, tournaments, longest drive, nearest the pin, putting contests, as well as playing most of the world's famous courses.



By digitally reproducing your own golf course in high definition, golfers can regularly practise their own bogey holes, to improve their confidence on the shots, that intimidate them. Golfers are encouraged to have their swing performances saved, when they are playing well, for future comparison. Enabling easy analysis of future swing changes needed, after reviewing ball flight, shot performance and swing performance. This database feature will encourage members, to regularly practise on their own golf course throughout the year, regardless of the weather or the daylight conditions.

Own Golf Course

GPS High Definition Graphics, bring a new meaning to the word "Realism". Never before have golf courses been re-produced so accurately. So much so that it's difficult to separate the real course, from the reproduced course. The 3.5D Rendering is of such high quality that objects such as buildings, trees, plants, fauna, grasses are complete realistic representations of the original. Sports Coach can easily and realistically reproduce any contoured golf course, without disrupting the golf course. It is possible to play any of the 171 golf courses in the software, many used for the Open Championship, European Tour, PGA Tour, Ryder Cup, PGA Championship, US Open Championship, and the Solheim Cup.



Shot Performance

The Ultimate Golf Academy uses the world's most accurate ball flight detection system. The 3D High Speed Cameras accurately measure the golf ball for 3m of ball flight and the golf club for 0.5m before impact, from two separate 90 degree angles. Displaying after each shot extremely accurate measured shot performance data for ball speed, club speed, club face angle, swing path, horizontal launch angle, vertical launch angle, back spin and side spin. Enabling very realistic calculated performance data for Carry, Distance, Roll, Elevation, Shot Height and Hit Factor. Ball Flight is so accurate that every type of golf shot is very realistically represented, such as fades, slices, draws, hooks, straight and even shanked shots.

MARCN - shot 1					
club speed	127.5 mph	distance	320 yards	to cup	277 yards
ball speed	170.5 mph	carry	299 yards	elevation	-20'
swing path	in-out 2.0'	back spin	3201 rpm	shot height	120'
club face	open 2.0'	side spin	0 rpm	flight time	7.66 secs
horizontal angle	right 2.0'	vertical angle	10.5'	hit factor	1.34

forward reverse overhead continue (2) pause
MARCN played 1 277y to cup 2 iron even

Player Performance

A comprehensive database is created to automatically save practise data for the golfer's entire game. The player performance database includes information from, range data, chipping data, putting data, custom fitting, tournament results, video coaching, game statistics, scorecards, as well as their full contact details. Up to five historic sessions can be loaded into the practise sections simultaneously, for detailed analysis of flight and data. The player database feature allows PGA Professionals to give high quality lessons, based on measured data from all aspects of the game. It encourages members to practise on the system regularly in between lessons, improving the revenue from the academy. The ease of use combined with the unique practice experience has never been seen before in academy golf and is a fantastic feature of the Ultimate Academy.



Swing Performance

Is a unique feature allowing for automatic capture of the golf swing, when the ball is struck. The swing is replayed alongside ball flight and shot performance data automatically, without the need to touch any buttons. PGA professionals can offer a high quality lesson, the high speed cameras capture the club face position at any point during the swing, and simple graphical tools such as grids, line, circles can be superimposed onto the golf swings. 'Face On' and 'Down the line' viewpoints can be connected simultaneously. All golf swing video and flight data can be saved into the unique player database for current and future comparison purposes.



Short Game Academy

Designed to allow all PGA Professionals to teach golfer, to high levels of technical ability never seen before in the indoor golf market. Enabling golfers to practise and receive coaching in all important aspects of the short game. The Ultimate Golf Academy has the only surround short game academy; providing the platform for the extreme levels of accuracy needed for all short shots to be realistically reproduced. Every type of approach shot can be practised such as full pitch shots, flop shots, bunker shots and chip and run shots. Whether those shots are played from the fairway, semi rough, rough, long grass or out of the 4 styles of bunker. The short game academy is 143 yards long x 90 yards wide and has 5 separate pin positions that can be selected. Using the mini map allows any of 5 flags to be chosen and any starting position on the extensive 360 degree short game academy.



Putting Academy

The extensive contoured green measures some 210' long x 60' wide, with a choice of 5 cups to putt too. Using the mini map allows the golfer to practise any length of putt and any type of break. Such as uphill putts, downhill putts, right to left breaking putts and left to right breaking putts. The actual stimp speed of the green can be selected, enabling the golfer to practise every type of putt possible. Golfers will be able to hone their game year round, enabling them to continually improve their putting technique. Whilst PGA Professionals can utilise this impressive facility, to give their clientele regular putting lessons.