



Ultimate Golf Academy

Featuring HD Graphics
3D Ball Flight Detection



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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.



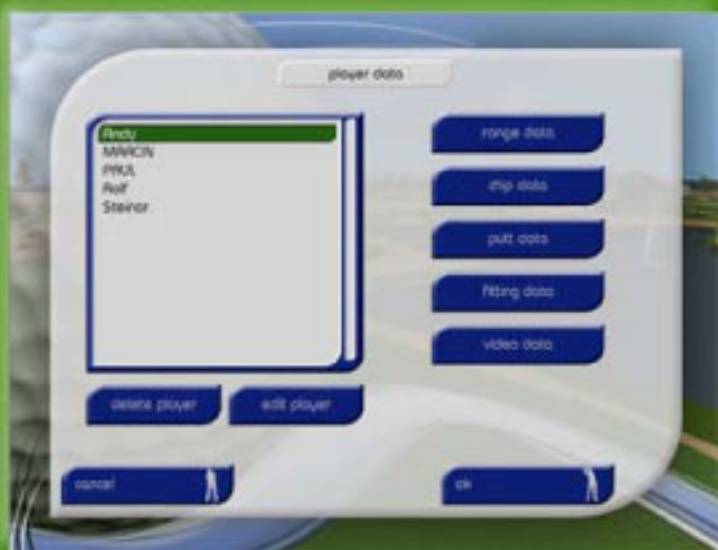
Shot Performance

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.



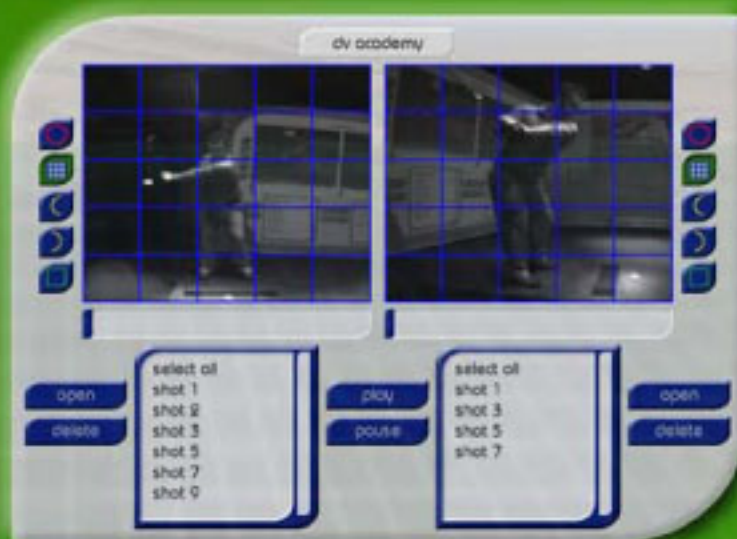
Player Performance

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.





Virtual Contests

Golf Days can now be a lot more inviting, encouraging more Golf Societies to book future events. Golfers can compete on your own golf course, using clubs provided by the pro shop; encouraging custom fitting. Competitions are easily setup and run, using par 3's for nearest the pin contests; any shot hitting the green, is automatically reverse replayed. Longest drive contests on Par 4's and 5's, is also automatic reverse replay, when hitting the fairway over 200 yards. The leader board automatically appears after each shot, displaying your sponsors logo; putting contest and hole in one competitions can also be easily organised.



name	shaft	size	weight	cost
name: MIVION	shaft: steel	size: 50	weight: 100g	cost: £100
make: nike	club: iron	model: SQ	type: 7i	
demo: demo				

	distance	carry	ball speed	club speed	path	face v. launch h.	launch h.	back spin	hrs
model v redbourne fair 7i regular	156y	145y	105.9mph	84.5mph	In 1.5°	Op 4.1°	23.5°	A 2.8°	4756rpm
model b titlist RPS 7i regular	167y	145y	108.1mph	82.9mph	In 10.0°	O 15.8°	17.0°	L 2.3°	3509rpm
model c ping G10 7i regular	150y	145y	105.4mph	80.3mph	Out 1.3°	O 1.3°	21.2°	L 1.3°	4104rpm
model d mauna MP60 7i regular	155y	144y	104.5mph	79.8mph	In 3.7°	O 2.0°	22.8°	A 0.4°	4301rpm
model e nike SQ 7i regular	164y	147y	107.4mph	82.4mph	In 6.2°	O 0.3°	18.8°	A 3.0°	3750rpm

Custom Club Fitting

The Ultimate Golf Academy includes the custom club fitting facility, part of the Virtual Range. The club fitting section is the most user friendly fitting tool, on the market today. Using the unrivalled accuracy and realism of the GPS software, flight data including face angle, club path, ball speeds and spin rates can be compared for branded and unbranded clubs. Averages are automatically drawn and clearly displayed to aid in the process of fitting and ultimately, selling golf clubs. Drivers, irons, wedges and putters can all be fitted using the system which has been designed to give the customer a fitting experience that has never been seen before.

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.