

BIKE SIMULATOR



MODULAR CONFIGURATION TO FIT EVERY NEEDS
FROM INITIAL TO ADVANCED DRIVING TRAINING

REALISTIC AUTOMOTIVE ENVIRONMENT

Real motorbike chassis with genuine parts and dashboard from manufacturer

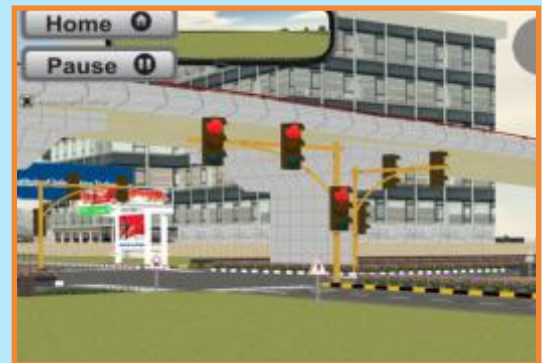
2 axes motion platform: pitch, roll +/- 10°, 40°/s.
Force feedback handle bar.

3D Visuals

A new 3D database including a large city with ring road, junctions (more than 200km of roads, 80+ crossroads...), country road and a specific manoeuvre area.
Vehicle behaviors modelisation, pedestrians and dense automatic surrounding traffic.
50° field of view, adjustable rear view mirrors on a screen 42".

Sound

Stereo sound for environment (engine, horn, tires, rain, collision, surrounding traffic).
Vocal messages giving indication to trainee.
5.1 speakers and subwoofer, headphones.



Multiple channels of undistorted field of view with visuals scalable up to 360 degrees provide high degree of Visual Realism

Realistic "Virtual Environments" are created using 3D Computer Generated Imagery (CGI) to impart a fully immersive, life like training environment to train and assess drivers

Extensive Instructor Interface

- Flexible exercise editor to create and edit custom exercises
- Exposure to rich variety of environmental situations such as rain, fog, snow and night that are usually not experienced in traditional training methods
- Injection of faults and obstacles to test reactions to emergency situations
- Recording and playback of faults committed by the driver enables better assessment and analysis
- Integrated fully automated and customizable tutorial & test to teach basic and advanced driving practices.



Assessment and grading

- Detailed reporting & analysis mechanism to monitor and identify issues with driving techniques
- Performance graphs for in depth analysis of a trainees performance
- Error categorization to identify and analyze errors committed by the trainee
- Extensive grading and evaluation to assess the drivers capability objectively



i Tech Driving School

- Impart comprehensive training to large number of drivers in significantly less time
- No risk of training on actual high cost vehicles and any accidental mishaps
- Quick identification of drivers with weak driving skills
- Integrated driving tutorials for better knowledge of vehicle maintenance, traffic rules, road sign & markings.
- Increase throughput of training setup by running multiple training sessions simultaneously
- Quick and effective training for the time constrained urban



COMPREHENSIVE TRAINING SYLLABUS

Multi lingual curriculum

Based on the European A license program.

Step 1 : Driving the bike at slow speed in a manoeuver area.

Step 2 : Driving the bike at normal speed on roads without traffic.

Step 3 : Getting to know and practice risky situations.

Stress free and complementary tool

Individual progress at trainee's own pace without external stress factor.

Error checking and replay function.

Step by step learning process.



Unique 2-axes motion platform enables accurate representation of the pitch and roll associated with riding a sport bike.



Original manufacturer sport chassis positions the rider in an authentic lay-over the tank stance, and includes the sport fairing, and sport tail section.



Foot controls include rear brake and gear shifter, control, driving on hills and maneuvering in city traffic.

ABOUT US

ADH Labs is a fast growing agile company with focus on offering specialist simulation products and solutions. The company is formed by group of young & vibrant technocrats and entrepreneurs with extensive experience in designing and delivering world class solutions.

Our core competence and expertise in software, electrical systems & industrial automation helps us deliver state of the art, feature rich simulators with high level of customization to meet ever evolving requirements.

Our simulators enable organizations to deliver critical trainings with great ease & efficiency in a cost effective manner.

KEY CUSTOMERS



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