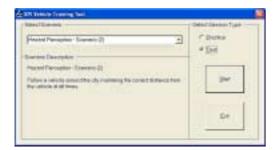


XP100 Simulator









The XP100 is an entry level simulator designed for portability and ease of operation without losing any of the visual realism. Its key features are:

- Easy to set up & operate without training
- Pre-configured scenarios selected by operator
- High quality scenes to catch & hold attention
- Scenarios are believable and interesting
- Results presented to be memorable
- Common software enables easy upgrade
- Numerous options including laptop and projector

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The XP100 has pre-set scenarios including:

- Emergency stop reaction time measurement
- Effect of weather conditions
- Driving Hazards

Hardware High specification graphics PC

Fast response 17" LCD screen

Stereo speakers

Games steering wheel and dual pedals

Fully configured and ready to run

Options: Laptop PC

Larger LCD Screen Projection system

Software:

The car driving software incorporates the following features:

- Realistic dynamic model for all vehicles.
- Automatic transmission for 2 pedal operation.
- Easy set-up and scenario selection.
- Full 3 dimensional representation of realistic scenes, other vehicles and moving pedestrians.
- Virtual rear view mirror.
- High-resolution visual database including an urban area, a rural area and a section of motorway.
- Based on a UK environment and follows standard UK road rules.

Example courseware

Safe driving (Minimal steering)

Following vehicle at safe distance
Driving in wet conditions
Hazard Perception eg
Car pulling out of hidden entrance
Pedestrian running out between cars
Bicycle pulling around parked cars
Pulling around parked cars
Unexpected events eg
Car parked around blind corner
Bicycle appearing in front of truck

Optional dynamic package (requires steering)

Follow a route
Cyclist appears at lights
Broken down car round country lane
Police car siren behind in town
Motorway crash in fast lane
Driving report
Lane discipline
Collision
Speed limit, Red lights etc









Other options

XP1000 - Rig with full-size steering with feedback & manual gears



XPIOS Instructor Station for interaction & scenario generation



XP2000 - Car cockpit for maximum realism



XP200 - Triple LCD screen for desktop

XP DISP10 - Three flat projection screens

XP DISP 20 - Curved Screen (180°)

XP AI – Intelligent traffic flow

XP People – Realistic human movements

Product range and specification subject to change.