

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



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| 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)	Optional dynamic package (requires steering)
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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

<p>XP1000 - Rig with full-size steering with feedback & manual gears</p> 	<p>XP2000 - Car cockpit for maximum realism</p> 
<p>XPIOS Instructor Station for interaction & scenario generation</p> 	<ul style="list-style-type: none"> 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.

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