

**Pedagogical and User oriented Interface**  
for **UC-Win/Road**

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**Camera** experience add-on to  
**UC-Win/Road** interface

Ruth Ron

File Home Edit Views Driving Sim Record / Play Sim Link Analysis Point Cloud Device Server UniversalUI

Look Free Fly

Simulation Environment

Visibility: Now  
Context: [Dropdown]  
Signs: [Dropdown]

NewAnimation [Dropdown]

Script / Animation Scenario

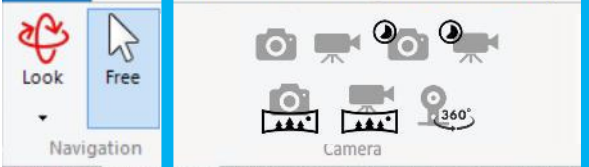
Camera position 6 [Dropdown]

Camera Position [Dropdown]



Existing camera creation menu



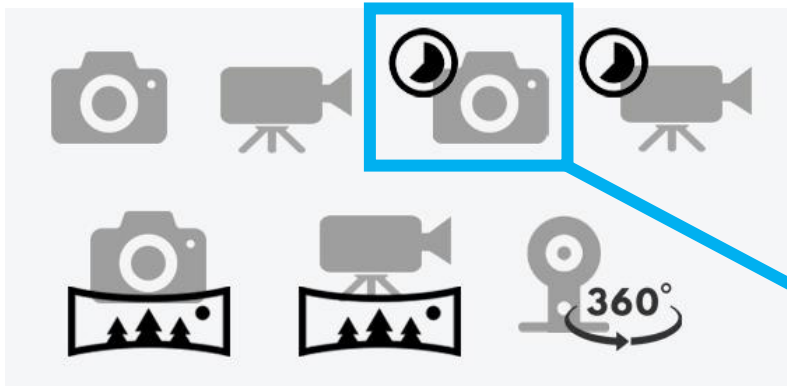


Proposed extended camera creation menu



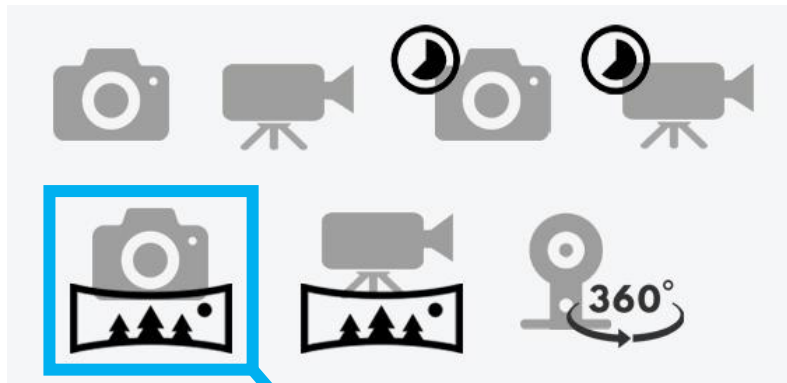
photo | video |  
time-lapse video |  
time-lapse photo |  
panoramic photo |  
360° photo/video |





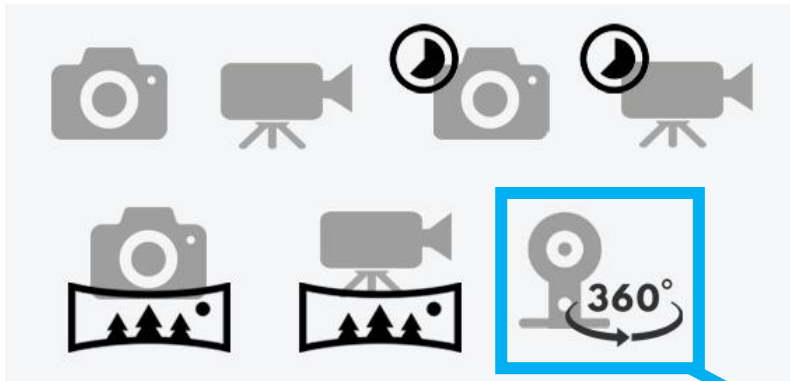
camera Time- Lapse





Panoramic Mode





camera 360°





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Look Fre Fly Environment Visual Options Weather

Visibility: Now Context: Signs: NewAnimation: Camera position 2

Script / Animation Scenario Camera Position Edit

- Drive
- Travel
- Rail
- Fly
- Walk
- Follow

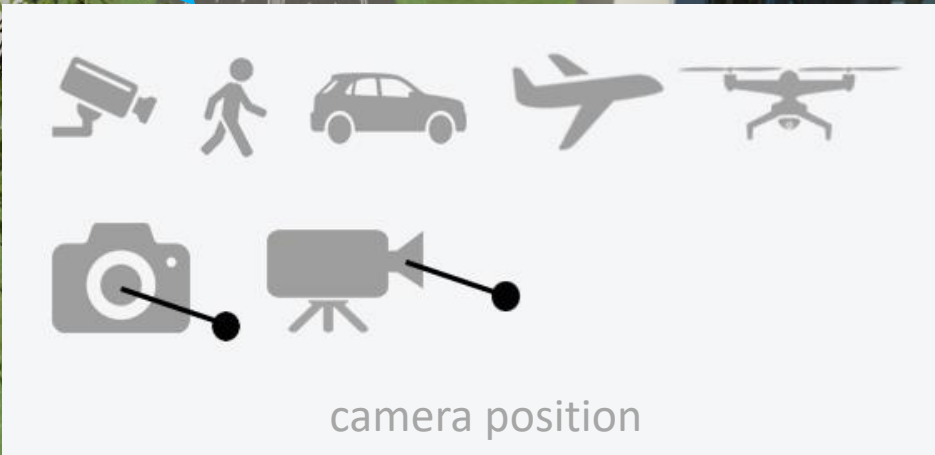
Existing camera position menu







Proposed camera position menu



Static mode | walking mode | driving mode | fly mode | drone mode | camera target setup | video target setup |

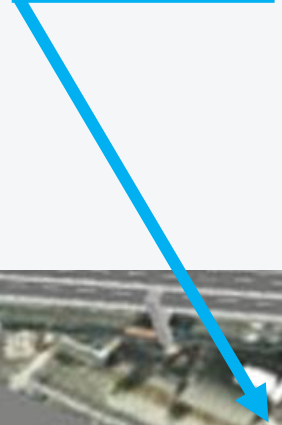
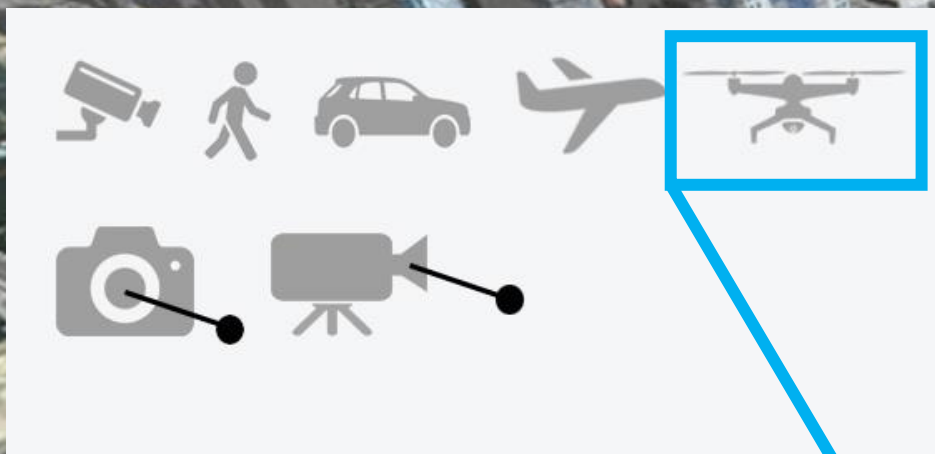
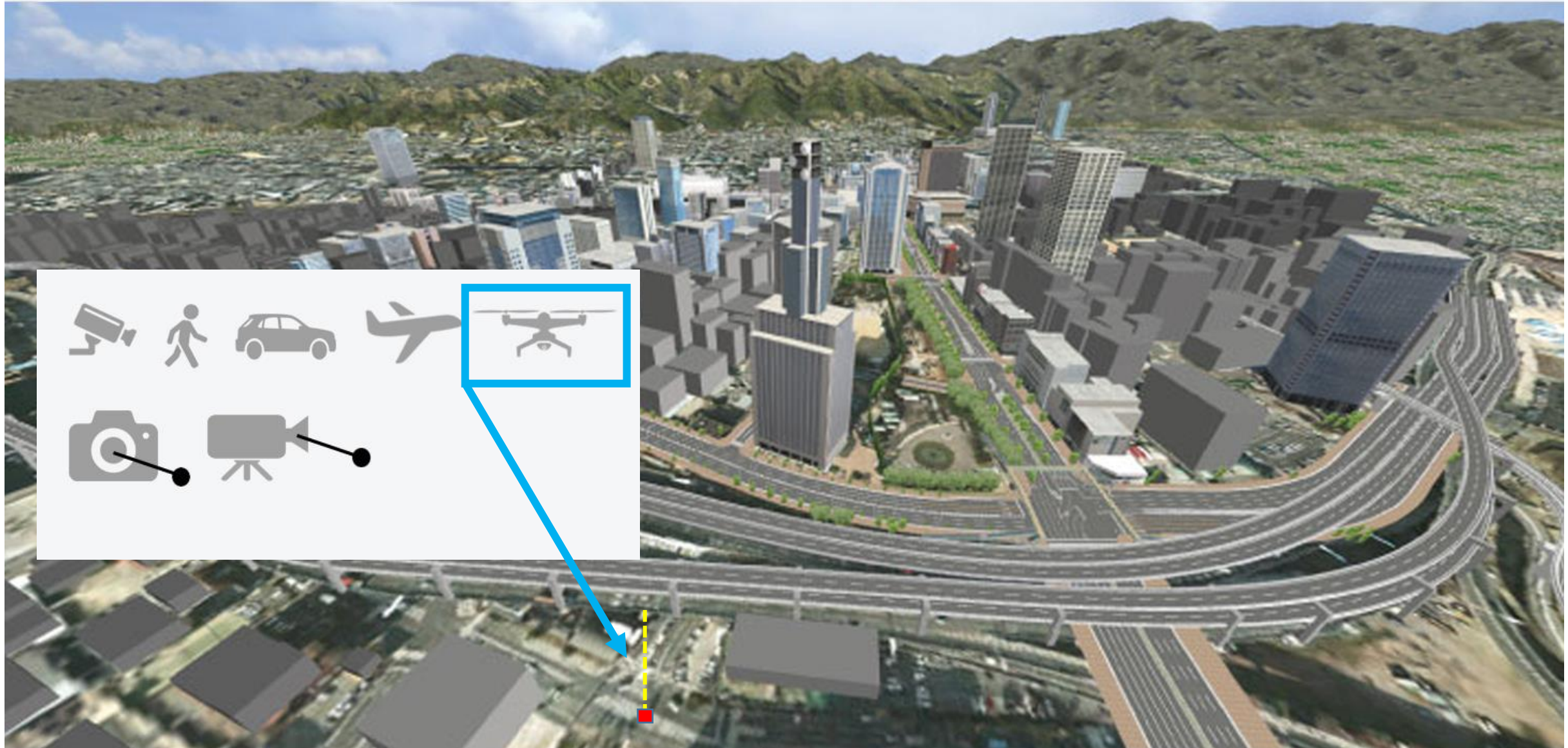
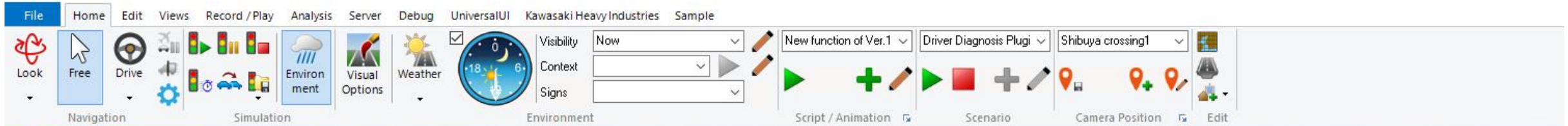


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Look Free Drive Simulation Environment Script / Animation Scenario Camera Position Edit

Visibility: Now  
Context: [Dropdown]  
Signs: [Dropdown]

New function of Ver.1  
Driver Diagnosis Plug  
Shibuya crossing1





File Home Edit Views Record / Play Analysis Server Debug UniversalUI Kawasaki Heavy Industries Sample

Look Free Drive Simulation Environment Script / Animation Scenario Camera Position Edit

Visibility: Now  
Context: [Dropdown]  
Signs: [Dropdown]

New function of Ver.1  
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Shibuya crossing1



A menu box containing icons for different camera and vehicle types: a camera on a tripod, a person walking, a car, an airplane, a drone (highlighted with a blue box), a camera on a tripod with a lens, and a video camera on a tripod.