



SkyView

Hardware In the Loop Simulator

Complete Hardware In the Loop Simulator for advanced UAS operator training

Our UAS Hardware In the Loop Simulator (HILS) allows the operator to perform pre-flight training and mission simulation using the real flight control hardware. The simulation is so accurate that it even allows flight test engineers to practice tuning of autopilot prior to first flight tests. The easy to use web interface requires minimal training but is powerful enough to change advanced features, such as weather simulation.

Features:

- Complete UAS Hardware In the Loop Simulator in one box
- NATO STANAG 4586 Compliant
- Integrated subsystems
 - H264 network video server which outputs sensor view from synthetic environment
 - 3D simulation software for synthetic environment
 - Partial EasyPilot 3.0 autopilot hardware
 - SkyView EasyPilot 3.0 VSM
 - Optional data modem (2.4GHz, 869MHz or 900MHz) for direct communication with SkyView GCS Portable Computer
- Software reconfigurable via web interface
 - Location
 - Weather simulation
 - Aircraft selection
 - Simulation options
- Button for power on/off
- Integrated computer running synthetic 3D environment
- External connectors
 - 10/100Mbit Ethernet
 - USB firmware upgrade port
 - 110/230V AC Power Cable



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