FLIR®

FLIRSIM™

FLIRSIM is a portable, easy to set up and use, all-inclusive system-level training device that provides the functional equivalency of an FAA FTD level 6 simulator for FLIR Star SAFIRE 380 family sensor operators. FLIRSIM, developed by MAG Aerospace, can replicate any real-world scenario or environment on demand to improve safety on live missions. Time spent using FLIRSIM enhances operator mission effectiveness and mission accomplishment. Additionally, FLIRSIM delivers direct operational cost savings normally incurred during training, including fuel, training pilot, personnel, and fleet maintenance.

FLIRSIM is the ideal training platform for both procedural and operational performance tasks specific to ensuring sensor operator proficiency and performance. Based on the actual technical specifications of the 380 family of systems, the FLIRSIM provides accurate systems modeling to ensure maximum training fidelity.

The FLIRSIM is provided as part of an all-inclusive FLIR training course or deployed within a fleet to ensure consistency in interval training requirements. The system interfaces with either a supplied actual HCU (Hand Control Unit) or can interface with the customer's HCU.
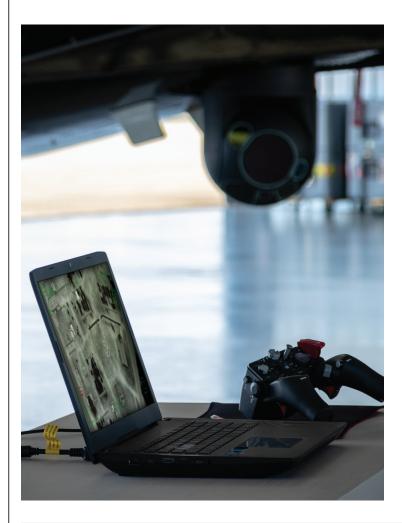
FEATURES

LIVE FLIR HAND CONTROLLER
FLIRSIM uses the same FLIR hand controller as those found in vessels and aircraft so operators form muscle memory on the true button layout.

TRANSPORTABLE & EASY TO USE
Complete system is contained in a rugged case that can be transported as carry-on luggage and easily set up anywhere, from classroom to field.

DYNAMIC SCENARIO GENERATION
Plan and implement scenarios in a variety of environments and weather conditions to mentally prepare operators for similar real-world conditions.

SAFE AND COST-EFFECTIVE
Operators can be put into situations in all different weather and ambient conditions without ever stepping foot outside of a classroom or training area. This also positively affects safety, fuel, and maintenance budgets.

FLIR CERTIFIED SYSTEMS MODELING
Accurate representation of user interface, gimbal dynamics and uses identical controller from aircraft or vessel, which can be interchanged.

IMPROVES MISSION OUTCOMES
Increase sensor platform ROI and mission outcomes by ensuring that sensor operators are utilizing best practices with the highest level of proficiency.

APPLICATIONS

TRAINING

EDUCATION

MILITARY

LAW ENFORCEMENT

SPECIFICATIONS

Feature	Specification
Turreted Sensors	Supports the Star SAFIRE 380-HD and 380-HDc systems.
Payloads simulated	Full simulations of EO, IR, SWIR, HD Low Light, and LRF sensors.
Virtual environment	Simulated virtual environment complete with roads, vehicles, persons, and buildings. Simulation can replicate: • Desert landscapes • Jungle • Plains • Mountainous terrain • Water – oceans/rivers • Rain • Snow • Fog • Day/Night • Accurate modeling of vehicles, ships and aircraft
Interface	Included interface works with FLIR UHCU.
System	Includes dedicated laptop with pre-loaded software, UHCU controller interface cable, custom hard case for transportation, and manuals. System requires customer to provide UHCU from aircraft or dedicated UHCU can be purchased to be utilized.
License	Licensed for non-commercial use by unlimited number of users.
Physical	Laptop, cable, and UHCU – 11"x16x1½" <14 pounds Shipping Case – 20"x32"x12" – total 41 pounds
Electrical	~110 – 240V 100W

FLIR® | The World's Sixth Sense®