



SIM-100

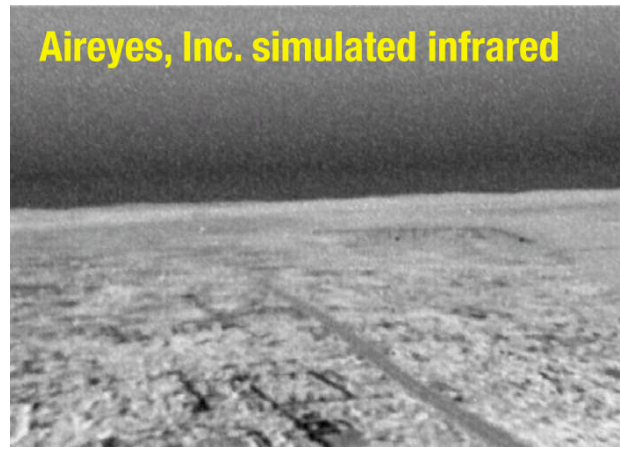
Enhanced Vision System (EVS) Emulator

Aireyes Inc. is an aerospace engineering company focused on the development and deployment of customized high-performance image fusion and emulation systems for airborne and flight training simulator applications. Aireyes Inc. has developed a unique sensor emulator, the SIM-100, which provides emulation of EVS sensors such as infrared and Millimeter Wave Radar for flight training simulators. With the virtual explosion of Enhanced Vision Systems (EVS) technology and its application to business jets, helicopters, airline and freighter operations, the SIM-100 provides a straight-forward and cost-effective solution to emulate high quality EVS imagery.

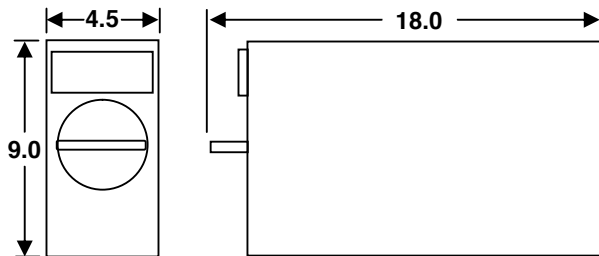


- Interfaces easily to full flight simulators
- Provides real-time emulation of:
 - EVS sensor image quality and noise
 - Reduced visibility conditions due to fog, rain, dust, smoke, snow
 - CAT I, II and III conditions
 - Weather condition effects on sensor performance
- Pilot training on EVS image appearance and interpretation
- Customer familiarization with quality of various sensor type imagery
- Marketing demonstrations of EVS technology capabilities
- Modeling sensor performance to optimize EVS specifications
- Human factors tradeoff studies

The SIM-100 is a small, lightweight single LRU designed for easy installation in either aircraft or flight training simulators. The SIM-100 provides sensor emulation in all geographic regions without requiring any custom editing of individual airfields



- Rugged industrialized enclosure
- High reliability power supply
- Forced air cooling



Specifications

Power	115VAC
Consumption	250W
Output	RS-170
	VGA
Weight	19.0 lbs
Interface options	VGA
	RS170
	Ethernet
	Serial



***Aireyes Inc. SIM-100
Production line in
Portland, OR***

Enhancing Your View

For more information, contact:

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