

**NEW COMMON
INTERFACE**

Stabilized Multisensors

Star SAFIRE® 260-HLD

SINGLE LRU EO/IR IMAGING SYSTEM
ALL-DIGITAL FAMILY OF HIGH DEFINITION SYSTEMS
COMMON CABLES, CONTROLLER AND INTERFACES
LIGHTWEIGHT PACKAGE, UP TO 7 SENSOR PAYLOADS



APPLICATIONS

- TARGET DESIGNATION
- SURVEILLANCE
- RECONNAISSANCE
- TARGET ACQUISITION & TRACKING
- FORCE PROTECTION
- SEARCH AND RESCUE (SAR)
- PURSUIT AND PATROL
- DRUG INTERDICTION
- ENVIRONMENTAL MONITORING

FEATURES

- Compact, multi-sensor system
- State-of-the-art imaging
- RSTA + Laser Designator
- Electron Multiplication CCD
- Inertial Navigation Solution and LRF
- Laser Illuminator/Pointer
- Multi-target tracker
- Digital Video Interface
- Military hardened and qualified

BENEFITS

- Up to seven SIMULTANEOUS payloads in a 10-inch package: IR, Color CCD, EMCCD, Laser Designator, Laser Illuminator/Pointer, LRF, optional IMU
- Continuous zoom 640 x 480 infrared camera and dual EO sensors (color and EMCCD) deliver high-resolution imagery day or night
- High power, long range capability based on proven, fielded technology. Supports both US and NATO munitions coding. Supports precision targeting in conjunction with advanced stabilization, beam quality and boresighting techniques
- Extreme low light capability in sub-quarter moon conditions. Works in ZERO ambient light conditions in conjunction with laser illuminator
- Supports high accuracy range to target, target geo-location and Geo-Lock™ capability with optional Rate-Aid
- Used as an illuminator, augments EMCCD performance in low light conditions. Laser also identifies targets for observers using NV devices while remaining invisible to others
- Advanced capability that tracks targets or scenes with all imagers (IR, color, EMCCD)
- Star SAFIRE outputs SMPTE 292M digital video for all channels, maximizing resolution and range performance
- Star SAFIRE configurations delivered to multiple military programs. Proven quality, reliability and performance in the most demanding military environments





Star SAFIRE® 260-HLD

THERMAL IMAGER

Detector type	Indium Antimonide Focal Plane Array (MWIR)
Zoom ratio	Continuous zoom; 36x overall
Image resolution	640 h x 480 v

HD DAYLIGHT/COLOR CCD TV

Performance	Long range using FLIR-designed optics with maximized focal lengths
Image resolution	1920 h x 1080 v
Zoom	10x continuous

ELECTRON MULTIPLICATION LOW LIGHT TV (EMCCD TV)

Performance	Long range, extreme low light capability
Zoom	10x continuous

LASER DESIGNATOR

Laser type	Nd: YAG 1.06 µm
Coding	Compatible with US and NATO standards

EYESAFE LASER RANGEFINDER

Laser type	Class 1 (eyesafe)
Max. range	20 km

COMBINATION LASER ILLUMINATOR/POINTER

Nominal wavelength	830 nm
Power	1.9 W nominal
Classification	Class 4 (per ANSI Z136.1-2000)

MECHANICAL/ELECTRICAL

System weight	~62 lbs
Turret FLIR Unit (TFU)	10.3" d x 16.1" h, 360° Continuous AZ and EL
Interfaces	Mil-Std 1553, ARINC 429, RS-232, RS-422, Analog (RS-170) and Digital Video Output (SMPTE 292M)
Power	18-32 VDC

ENVIRONMENTAL

Standards	MIL-STD-810 & MIL-STD-461
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ERGONOMIC, RUGGEDIZED CONTROL UNIT OPTIONS

NVIS compatible
Fully sealed design



STANDARD



OPTIONAL

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GEOLOCK™

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EXPORT

FLIR®
Extraordinary Protection